

Township of Brick

BULKHEAD/DOCK REVIEW

CHECKLIST

BLOCK 356 LOT 398 DATE RECEIVED _____

PROPERTY ADDRESS 605 TUNESBROOK DR BRICK

APPLICANT GREG + LAURA MAESTRI PHONE [REDACTED]

ADDRESS 60 Kettle Creek DR BRICK

CONTRACTOR Self PHONE _____

ADDRESS _____

TYPE OF WORK New Bulkhead

		YES	NO	N/A
1	PLANS/DETAILS SIGNED & SEALED	✓		
2	SCALE OF NOT LESS THAN 1"=50'	✓		
3	PROPERTY LINES, CORNERS, BEARINGS & DISTANCES	✓		
4	DRAINAGE PIPES, OUTFALLS/EASEMENTS			✓
5	NORTH ARROW	✓		
6	PROPERTY ADDRESS/LOT/BLOCK NUMBER	✓		
7	EXISTING STRUCTURES/DWELLINGS	✓		
8	M.H.W.L. ELEVATION	✓		
9	EXISTING BULKHEAD/DOCK LOCATION	✓		
10	PROPOSED BULKHEAD/DOCK LOCATION	✓		
11	BULKHEAD/DOCK DETAIL (ELEVATION PROFILE)	✓		
12	FACE/ANCHOR PILING TYPE/SIZE/LENGTH	✓		
13	SHEET PILING TYPE/SIZE/LENGTH	✓		
14	WALER TYPE/SIZE/LENGTH	✓		
15	TIE ROD TYPE/SIZE/LENGTH	✓		
16	CAP/HARDEWARE/OTHER MISCELLANEOUS ITEMS	✓		
17	TOP OF BULKHEAD ELEVATION	✓		
18	DISTANCE-TOP OF BULKHEAD TO SOLOD BOTTOM	✓		
19	BEVEL CUT DETAIL		✓	
20	PIPE PENETRATION DETAIL			✓
21	PRIOR D.E.P. PERMIT/ARMY CORP. PERMIT	✓		
22	BOAT LIFT DETAIL			✓
23	DOCK LIGHTING/REFLECTORS/TAPE/ETC.			✓
24	DRAG LOG/TYPER/SIZE/LENGTH	✓		
25	HELICAL/MANTA RAY/ETC.			✓
26	REPAIR/GRANT/LAND LEASE/ETC.			✓

BULKHEAD REVIEW

APPROVED ✓ REJECTED _____ SIGNED LS DATE 7/12/09

ANCHOR INSPECTION

APPROVED _____ REJECTED _____ SIGNED _____ DATE _____

FINAL INSPECTION

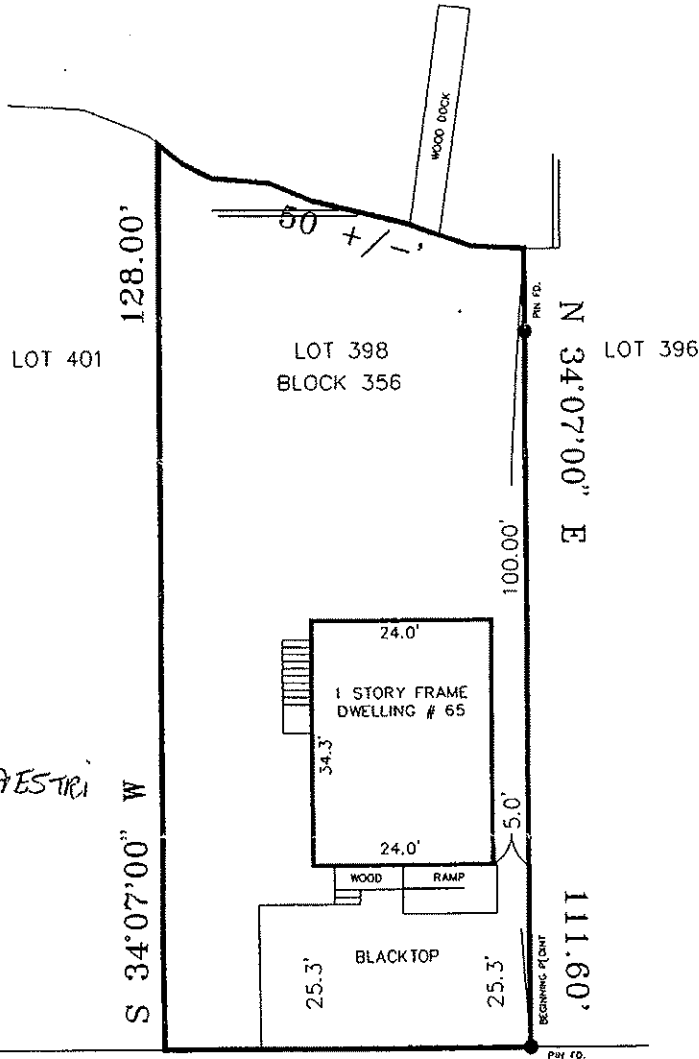
APPROVED _____ REJECTED _____ SIGNED _____ DATE _____

COMMENTS _____

NOTE: CORNERS NOT SET AS PER AGREEMENT
LOT & BLOCK AS PER TAX MAP

TUNES BRANCH OF KETTLE CREEK

M.M. DEED 1987



GREG + LAURA MAESTRI

Known and designated as lot 398 block 356 on the Tax Map of Brick Township, Ocean County, New Jersey. Also known as lot 398 & 399 block 356.

I certify this survey to Gregory Maestri and Laura Ann Maestri, h/w, New Jersey Title Insurance Company, Rocco M. Varella, II, Esq. and all parties in interest.

This survey subject to any easement of record and other pertinent facts which an accurate title search might disclose. Environmentally sensitive areas, if any, are not located by this survey. No attempt was made to determine if any portion of this property is claimed by the State of New Jersey as tidelands. No liability is assumed by the certifying Surveyor for the use by any party not shown in the certifications. The certification of this survey on the date shown is made solely to the named parties herein.

WALTER T. TOTH

N J L S NO.21761

SURVEY OF
LOT 398 BLOCK 356

SITUATED IN
BRICK TOWNSHIP, OCEAN COUNTY, NEW JERSEY

DATE: DECEMBER 15, 1997

SCALE: 1"=20'

JOB NO. 975952

WALTER T. TOTH

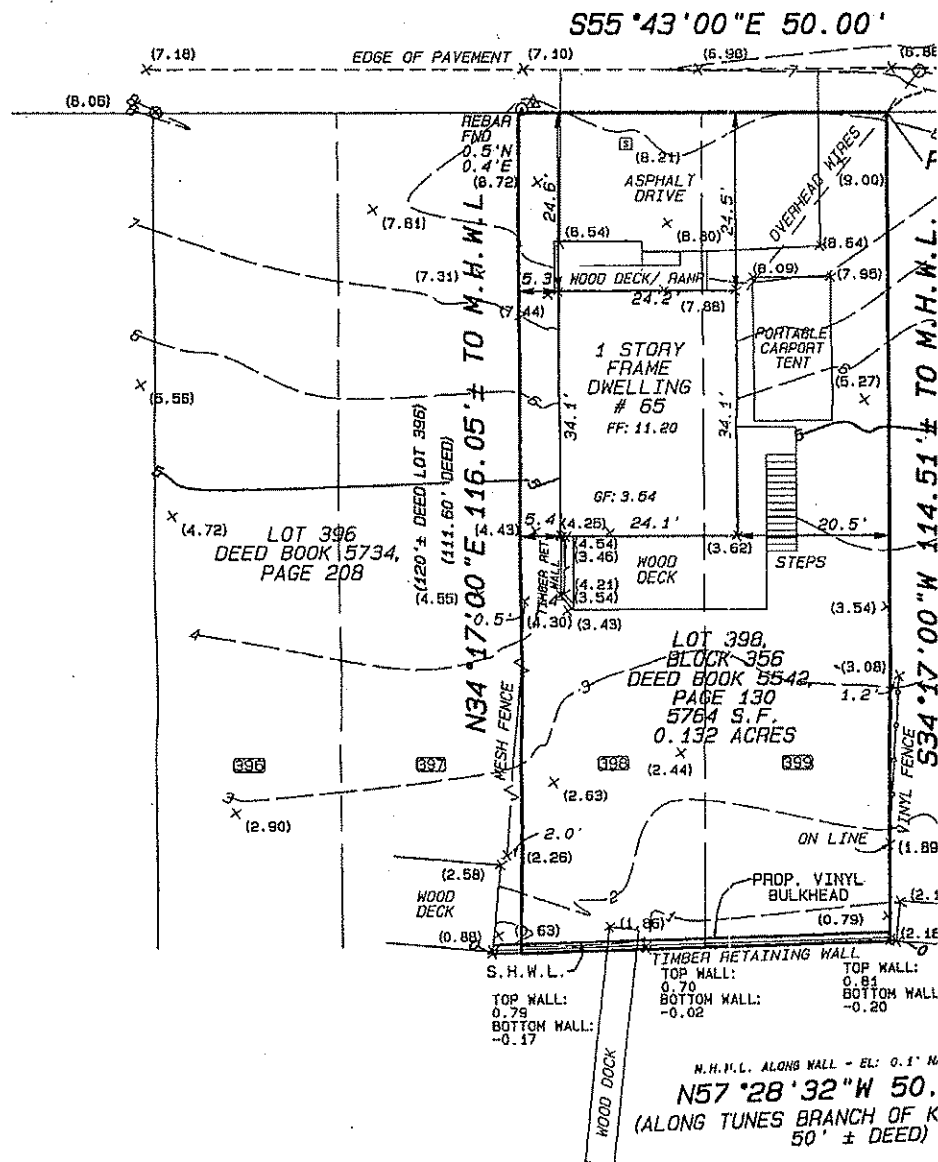
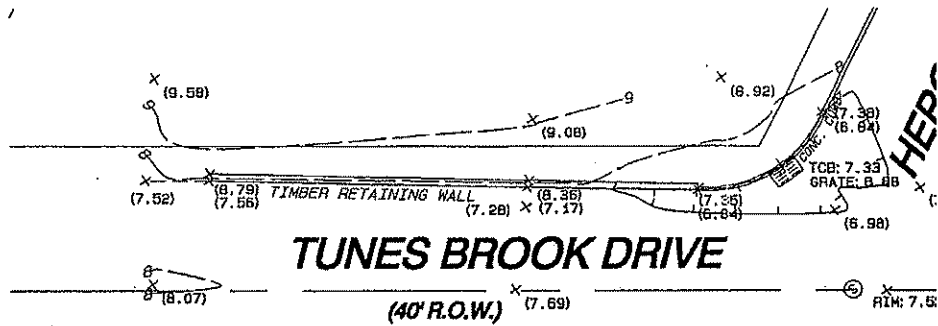
WALTER T. TOTH & ASSOC., P.A.

PROFESSIONAL LAND SURVEYOR, PLANNERS & ENGINEERS

12 MADISON AVENUE, P.O. BOX 478, TOMS RIVER, NEW JERSEY 08754-0478

(732) 349-0090

TITLE NO. NJT-20311



TUNES BRANCH
of KETTLE CREE



STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
(See Issuing Division below)
PERMIT*



*Bought 65 Tunes Brook
1995*

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. 1506-06-0188.1 CAF060001

Application No. 1506-06-0188.1 CAF060001

Issuance Date **FEB 21 2007**

Effective Date **FEB 21 2007**

Expiration Date **FEB 21 2012**

Name and Address of Applicant
Greg Maestri
60 Kettle Creek
Brick, NJ 08723

Name and Address of Owner
SAME

Name and Address of Operator

Location of Activity/Facility (Street Address)
65 Tunes Brook Drive
Brick Township, Ocean County
Lot: 398 Block: 356

Issuing Division
Land Use Regulation

Statute(s)
NJSA 13:19-1

Type of Permit CAFRA

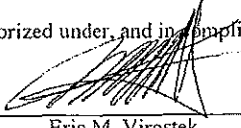
Maximum Approved Capacity,
if applicable

This permit grants permission to:
Install approximately 54 LF of vinyl bulkhead, behind the mean high waterline as shown on approved plans entitled "Site Development Plan, Lot 398, Block 356, Situated in Brick Twp., Ocean Co., N.J." prepared by Charles A. Boyles of FWH Associates, P.A., dated November 6, 2006, unrevised.

This permit ONLY authorizes the installation of the new vinyl bulkhead upland of the MHWL. The existing dock does not appear to be a legally existing structure. Within 60 days of permit issuance, the permittee must remove the existing dock or apply to the Division to legalize or submit to the Division proof that the structure is legally existing. This is not to be construed as a commitment by the Division to approve or deny any forthcoming permit application to legalize the subject structure(s). The subject structure(s) may only be legalized if they comply with New Jersey's Coastal Zone Management Rules.

The permittee shall allow an authorized representative of the Department the right to inspect construction pursuant to N.J.A.C. 7:7-1.5(b)4.

This permit is authorized under, and in compliance with the Rules on Coastal Zone Management.

Prepared By: 
Eric M. Virostek
Project Manager

(See page 3 for authorization signature)

Revised Date

Approved by the Department of Environmental Protection

Name (Print or Type) _____ Title _____

Signature _____ Title _____

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

This permit is subject to the following terms and 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.

This permit is issued subject to and provided the following conditions can be met to the satisfaction of the Division of Land Use Regulation. All conditions must be met prior to construction unless otherwise specified. Compliance with Administrative conditions shall be determined once copies of all specified permits, certifications, plans, agreements, etc., have been received and approved by the Division of Land Use Regulation. As per NJAC 7:7-1.4, the permittee must notify the Bureau of Coastal and Land Use Enforcement, (1510 Hooper Avenue, Tomis River, NJ 08753), in writing, at least three (3) days prior to commencement of construction or site preparation.

ADMINISTRATIVE

1. This permit ONLY authorizes the installation of the new vinyl bulkhead upland of the MHWL. The existing dock does not appear to be a legally existing structure. Within 60 days of permit issuance, the permittee must remove the existing dock or apply to the Division to legalize or submit to the Division proof that the structure is legally existing. This is not to be construed as a commitment by the Division to approve or deny any forthcoming permit application to legalize the subject structure(s). The subject structure(s) may only be legalized if they comply with New Jersey's Coastal Zone Management Rules.

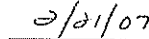
By copy of this permit, the DEP'S Bureau of Coastal and Land Use Enforcement and the Department of the Army's enforcement agency are notified of this requirement.

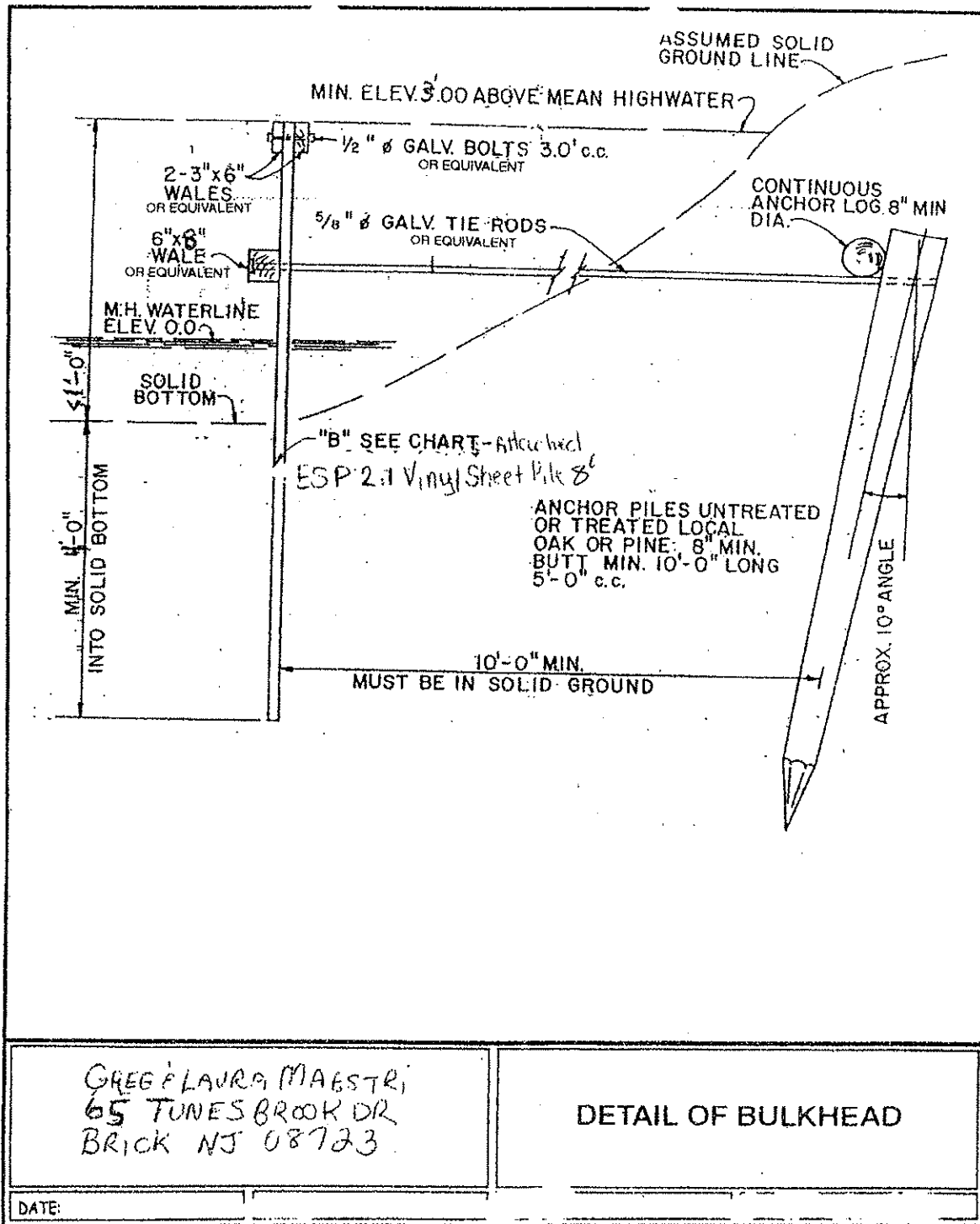
2. This permit shall be RECORDED in the office of the County Clerk (the REGISTRAR OF DEEDS AND MORTGAGES in the applicable counties) in the county wherein the lands included in the permit are located within ten (10) days after receipt of the permit by the applicant and verified notice shall be forwarded to the Division of Land Use Regulation immediately thereafter.
3. Acceptance of permit: If you begin any activity approved by this permit, you thereby accept this document in its entirety, and the responsibility to comply with the terms and conditions. If you do not accept or agree with this document in its entirety, do not begin construction. You are entitled to request an appeal within a limited time as detailed on the attached Administrative Hearing Request Checklist and Tracking Form.
4. This permit does not obviate the permittee from obtaining any other necessary Federal or local approvals.

PHYSICAL

1. No work or disturbance is authorized waterward of Mean High Water.
2. The issuance of this permit in no way reduces the State Riparian claim on lands currently or formerly flowed by Mean High Water.
3. Clean fill from an upland source shall be used for backfill.


Joanne B. Davis
Principal Environmental Specialist
Bureau of Coastal Regulation


Date

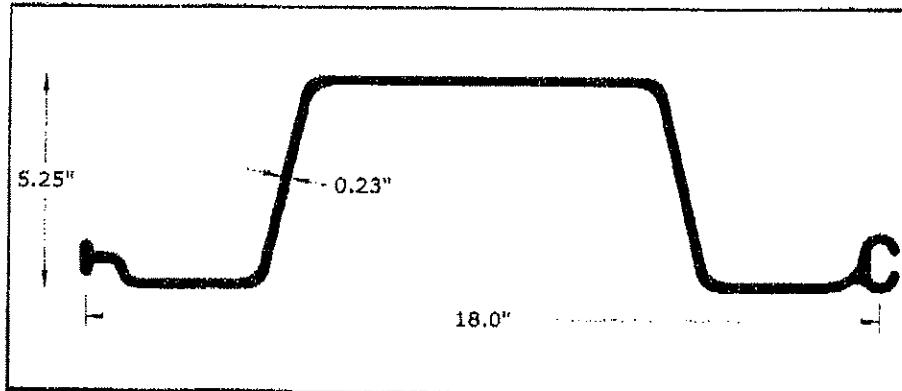


GREG & LAURA MAESTRI
 65 TUNES BROOK DR
 BRICK NJ 08723

DETAIL OF BULKHEAD

DATE:

EVERLAST SYNTHETIC PRODUCTS **ESP 2.1 Vinyl Sheet Pile** **Technical Data Sheet**



Strength Rating (M)	Lbs-Ft/Ft	2,125	Modulus of Elasticity (E)	psi	380,000
Allowable Shear (V)	Lbs/Ft	1,960	Impact Strength	lbs-in	900
Thickness (t)	Inches	0.23	Section Depth	Inches	5.25
Section Modulus (Z)	In³/ft	7.7	Section Width	Inches	18
Moment of Inertia (I)	In⁴/ft	20.3	UV Stabilized		Yes
Ultimate Tensile Stress	psi	6,300	Standard	sheets/	22
Creep Limited stress	psi	4,000	Packaging	bundle	

Geometric and strength properties are based on the geometric center of the part.

Physical properties are defined by ASTM standards for Plastic Building Products. The values shown are nominal and may vary. The information found in this document is believed to be true and accurate. No warranties of any kind are made as to the suitability of ESP sheet piling for particular applications or results obtained there from. Consult with a professional engineer and/or contractor as to the suitability of this product for your particular application.



Everlast Synthetic Products, LLC
1000 Wyngate Pkwy, Suite 100
Woodstock, GA 30189
800-687-0036
800-687-0048 fax
www.everlastseawalls.com

9/25/2007



A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000.

Block	356	Lot	398	Qualification Code	
Work Site Location	165	TUNES	BR200 KDR	BRICK	

OW [REDACTED] e-mail [REDACTED]
Te [REDACTED] e-mail [REDACTED]
COURT REPORTER [REDACTED]

Address _____ street _____ municipality _____ zip code _____
Contractor: Self Tel. (_____) _____
~~Address _____ e-mail _____~~

Contractor License No. or Builder Registration No. _____ Exp. Date _____
 Home Improvement Contractor Registration No. or Exemption Reason (if applicable): _____
 Federal Emp. ID No. _____ FAX: (____) _____

JOB SUMMARY (Office Use Only)

PLAN REVIEW		Date	INSPECTIONS		Dates (Month/Day)	
☐ No Plans Required	☐ All		Type:	Failure	Approval	Initial
☐ Footings/Foundations	☐ Footing Bonding					
☐ Structural/Framework	☐ Foundation					
☐ Exterior	☐ Slab					
☐ Interior	☐ Frame					
	☐ Truss Sys./Bracing					
	☐ Barrier-Free					
	☐ Insulation					
	☐ Finishes -Base Layer					
	☐ Finishes -Final					
	☐ Energy					
	☐ Mechanical					
	☐ TCO					
	☐ Other					
	☐ Final					
	☐ Barrier-Free					

Joint Plan Review Required: _____

☐ Elec. ☐ Plumb. ☐ Fire ☐ Elevator

SUBCODE APPROVAL for PERMIT

Date: _____

Approved by: _____

SUBCODE APPROVAL for CERTIFICATE

☐ CO ☐ CCO ☐ CA

Date: _____

Approved by: _____

B. BUILDING CHARACTERISTICS

Use Group Present _____ Proposed _____

No. of Stories _____

Height of Structure _____ ft.

Area — Largest Floor _____ sq. ft.

New Bldg. Area/All Floors _____ sq. ft.

Volume of New Structure _____ cu. ft.

Max. Live Load _____

Max. Occupancy Load _____

Constr. Class Present _____ Proposed _____

If Industrialized Building:

State Approved _____ HUD _____

Est. Cost of Bldg. Work:

1. New Bldg. \$ _____

2. Rehabilitation \$ _____

3. Total (1+2) \$ _____

U.C.C. F110 _____

U.S.C. F110
(rev. 12/07)

Date Received	
Control #	
Date Issued	
Permit #	

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the (agent of) owner of record and am authorized to make this application.

Signature

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

New Vinyl Bulkhead

TYPE OF WORK:

☐	☐	New Building
☐	☐	Addition
☐	☐	Rehabilitation
☐	☐	Roofing
☐	☐	Sliding
☐	☐	Fence
☐	☐	Sign
☐	☐	Pool
☐	☐	Retaining Wall
☐	☐	Asbestos Abatement
☐	☐	Lead Haz. Abatement
☐	☐	Radon Remediation
☐	☐	Other
☐	☐	Demolition

FREE (Office Use Only)

Administrative Surcharge \$	
Minimum Fee \$	
State Permit Surcharge Fee \$	
TOTAL FEE \$	

1 White = Inspector Copy
2 Canary = Office Copy
3 Pink = Office Copy
4 Gold = Applicant Copy



CONSTRUCTION PERMIT

Date Issued
Control #
Permit #

07-23-09

C-09-002449

NP09-0074

IDENTIFICATION Block: 356 Lot: 398 Qualifier
Work Site Location: 65 TUNES BROOK DR. Brick Township, NJ Contractor: MAESTRI, GREGORY & LAURA A
Owner in Fee: MAESTRI, GREGORY & LAURA A Address: 60 KETTLE CREEK DR. BRICK NJ 08723
Telephone: Federal Employee No.

Is hereby granted permission to perform the following work:

- ☒ BUILDING ☐ PLUMBING ☐ LEAD HAZARD ABATEMENT
☐ ELECTRICAL ☐ FIRE PROTECTION ☐ DEMOLITION
☐ ELEVATOR DEVICES ☐ ASBESTOS ABATEMENT (Subchapter 8 only) ☐ OTHER

DESCRIPTION OF WORK:

BULKHEAD AND OR DOCK 54 LF Vinyl

Note: If construction does not commence within one (1) year of date of issuance, or if construction ceases for a period of six (6) months, this permit is void.

Estimated Cost of Work \$1

Construction Official

Date

U.C.C. F170 NON-UCC
equiv (rev 8/03)

1 WHITE - INSPECTOR

2 CANARY - OFFICE

3 PINK - TAX ASSESSOR

4 GOLD - APPLICANT

PAYMENTS (Office Use Only)

Building	\$0
Electrical	\$0
Plumbing	\$0
Fire Protection	\$0
Elevator Devices	\$0
Other	\$0.00
DCA Training Fee	\$0
CO Fee	
Other	\$150
Total	\$150
Check No.	
Cash	\$0
Credit	\$0
Collected By	

REQUIRED INSPECTIONS

Construction work must be inspected in accordance with the State Uniform Construction Code Regulations N.J.A.C. 5:23-2.18. This agency will carry out such periodic inspections during the progress of work as are necessary to insure that the work installed conforms with the requirements of the Uniform Construction Code.

The owner or other responsible person in charge of work must notify this agency when work is ready for any required inspections specified below. Requests for inspections must be made at least 24 hours prior to the time the inspection is desired. Inspections will be performed within three business days of the time for which they are requested. The work must not proceed in a manner which will preclude the inspection until it has been made and approval granted.

☐ Required inspections for all subcodes for one- and two-family dwellings are as follows:

1. The bottom of footing trenches before placement of footings, except that in cases of pile foundations, inspections shall be made in accordance with the requirements of the building subcode.
2. Foundations and all walls up to grade level prior to back filling.
3. All structural framing, connections, wall and roof sheathing and insulation; electrical rough wiring, panel and service installation; rough plumbing. The framing inspection shall take place after the rough electrical and plumbing inspections and after the installation of the heating, ventilation and /or air conditioning duct system. The insulation inspection shall be performed after all other subcode rough inspections and prior to the installation of any interior finish material.
4. Installation of all finished materials, sealings of exterior joints, plumbing piping, trim and fixtures; electrical wiring, devices and fixtures; mechanical systems equipment.

Additional required inspections for all subcodes of construction, for other than one- and two-family dwellings, are fire suppression systems, heat producing devices and Barrier Free subcode accessibility, if applicable.

☐ Required special inspections. The applicant by accepting the permit will be deemed to have consented to these requirements:

☐ A final inspection is required for each applicable subcode area before a final Certificate of Occupancy or Approval may be issued. The final inspections include the installation of all interior and exterior finish materials, sealing of exterior joints, mechanical system and other required equipment; electrical wiring, devices and fixtures; plumbing pipes, trim and fixtures; tests required by any provision of the adopted subcodes, Barrier Free accessibility, if applicable; and verification of compliance with NJAC 5:23-3.5, "Posting structures".

☐ A complete copy of released plans must be kept on the job site.

If you do not understand any of this information, please ask.

TOWNSHIP OF BRICK

OCEAN COUNTY, NEW JERSEY
401 CHAMBERS BRIDGE ROAD, BRICK, N.J. 08723

Stephen C. Acropolis, Mayor

Department of Community Development & Land Use

Township Council:

Anthony Matthews – President
Dan Toth – Vice President
Domenick Brando
Brian DeLuca
Joseph Sangiovanni
Ruthanne Scaturro
Michael A. Thulén, Sr.



James A. Priolo, Director
Michael P. Fowler, Deputy Director

732-262-1027

Fax: 732-262-2941
www.twp.brick.nj.us

REQUEST FOR INSPECTION

DATE:

4-6-10

TIME:

9 AM

NAME:

Greg Maestri

PHONE:



DEVELOPMENT:

CONTRACTOR:

DATE FOR INSPECTION:

~~Wed 4/29/10~~
Wed 5/19/10

CONTRACTOR PHONE:

BLOCK:

356

LOT:

398

BLOCK:

LOT:

ADDRESS:

65 Times Brook Dr.

ADDRESS:

BLOCK:

LOT:

BLOCK:

LOT:

ADDRESS:

ADDRESS:

TYPE OF INSPECTION

PAVING: ☐

GRAVEL: ☐

STORM SEWER: ☐

CURB: ☐

SIDEWALK: ☐

DRIVEWAY: ☐

BULKHEAD: ☒

FINAL ENG: ☒

FINAL GRADE: ☐

RETAINING WALL: ☐

INGROUND POOL: ☐

OTHER: ☐

COMMENTS:

Final
~~Revised~~

NOTE: IF INSPECTIONS WILL BE OF A CONTINUOUS NATURE, A DATE NUMBER OF DAYS.

ONGOING UNTIL: _____

RECEIVED BY: _____

SPECTED BY: _____



Township of Brick

BULKHEAD/DOCK REVIEW CHECKLIST

BLOCK 356 LOT 398 DATE RECEIVED _____
 PROPERTY ADDRESS 605 TUNESBROOK DR BRICK
 APPLICANT GREG + LAURA MAESTRI PHON [REDACTED]
 ADDRESS 60 Kettle Creek DR BRICK
 CONTRACTOR SELF PHONE _____
 ADDRESS _____
 TYPE OF WORK New Bulkhead

		YES	NO	N/A
1.	PLANS/DETAILS SIGNED & SEALED	✓		
2.	SCALE OF NOT LESS THAN 1"=50'	✓		
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BULKHEAD REVIEW

APPROVED ✓ REJECTED _____ SIGNED 1/SS DATE 7/12/09

ANCHOR INSPECTION

APPROVED ✓ REJECTED _____ SIGNED 1/SS DATE 4/7/10

FINAL INSPECTION

APPROVED _____ REJECTED ✓ SIGNED RA DATE 5/19/10

COMMENTS Seal left-side corner where new vinyl ties in to
exist. wood bulkhead. Notified resident/contractor.



STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
(See Issuing Division below)
P E R M I T *



*Bought 65 Tunes Brook
1998*

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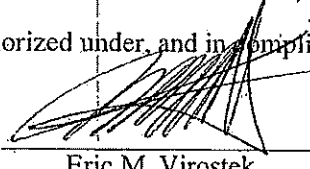
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Prepared By:


Eric M. Virostek
Project Manager

(See page 3 for authorization signature)

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Name (Print or Type)

Title

Signature

Title

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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.

This permit is issued subject to and provided the following conditions can be met to the satisfaction of the Division of Land Use Regulation. All conditions must be met prior to construction unless otherwise specified. Compliance with Administrative conditions shall be determined once copies of all specified permits, certifications, plans, agreements, etc. have been received and approved by the Division of Land Use Regulation. As per NJAC 7:7-1.4, the permittee must notify the Bureau of Coastal and Land Use Enforcement, (1510 Hooper Avenue, Toms River, NJ 08753), in writing, at least three (3) days prior to commencement of construction or site preparation.

ADMINISTRATIVE

1. This permit **ONLY** authorizes the installation of the new vinyl bulkhead upland of the MHWL. The existing dock does not appear to be a legally existing structure. Within 60 days of permit issuance, the permittee must remove the existing dock or apply to the Division to legalize or submit to the Division proof that the structure is legally existing. This is not to be construed as a commitment by the Division to approve or deny any forthcoming permit application to legalize the subject structure(s). The subject structure(s) may only be legalized if they comply with New Jersey's Coastal Zone Management Rules.

By copy of this permit, the DEP'S Bureau of Coastal and Land Use Enforcement and the Department of the Army's enforcement agency are notified of this requirement.

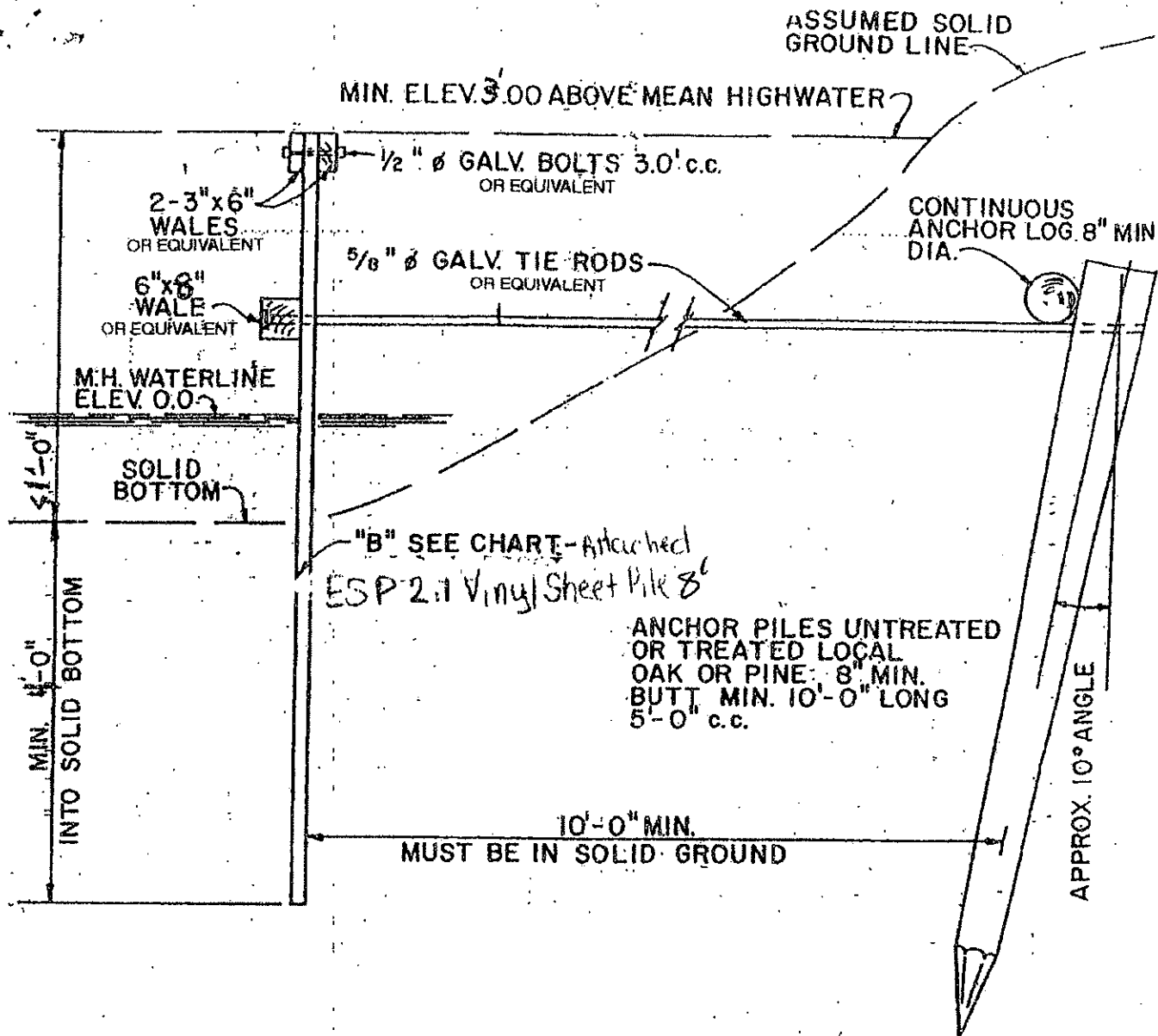
2. This permit shall be RECORDED in the office of the County Clerk (the REGISTRAR OF DEEDS AND MORTGAGES in the applicable counties) in the county wherein the lands included in the permit are located within ten (10) days after receipt of the permit by the applicant and verified notice shall be forwarded to the Division of Land Use Regulation immediately thereafter.
3. Acceptance of permit: If you begin any activity approved by this permit, you thereby accept this document in its entirety, and the responsibility to comply with the terms and conditions. If you do not accept or agree with this document in its entirety, do not begin construction. You are entitled to request an appeal within a limited time as detailed on the attached Administrative Hearing Request Checklist and Tracking Form.
4. This permit does not obviate the permittee from obtaining any other necessary Federal or local approvals.

PHYSICAL

1. No work or disturbance is authorized waterward of Mean High Water.
2. The issuance of this permit in no way reduces the State Riparian claim on lands currently or formerly flowed by Mean High Water.
3. Clean fill from an upland source shall be used for backfill.


Joanne B. Davis
Principal Environmental Specialist
Bureau of Coastal Regulation


Date



GREG & LAURA MAESTRI
65 TUNESBROOK DR
BRICK NJ 08723

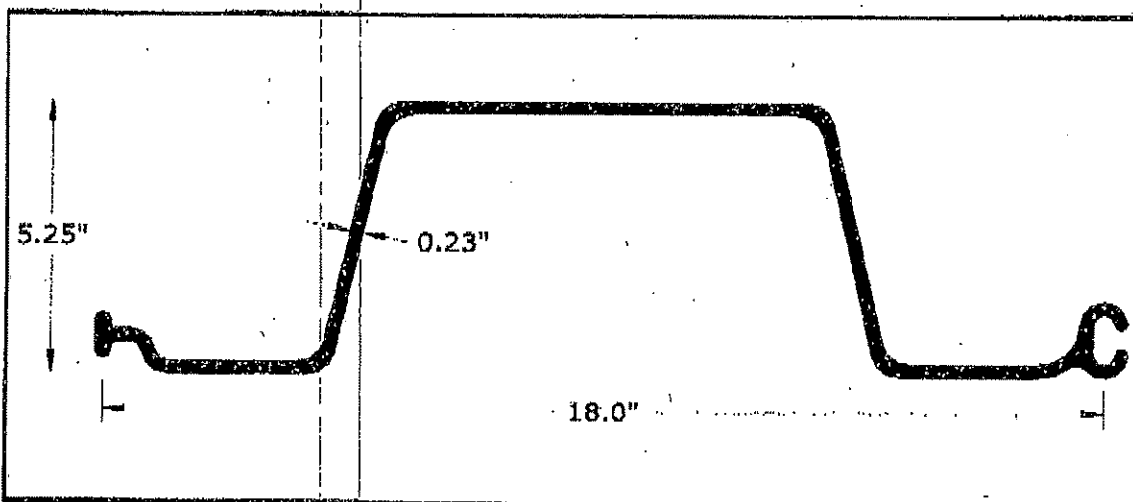
DETAIL OF BULKHEAD

DATE:

EVERLAST SYNTHETIC PRODUCTS

ESP 2.1 Vinyl Sheet Pile

Technical Data Sheet



Strength Rating (M)	Lbs-Ft/Ft	2,125	Modulus of Elasticity (E)	psi	380,000
Allowable Shear (V)	Lbs/Ft	1,960	Impact Strength	lbs-in	900
Thickness (t)	inches	0.23	Section Depth	inches	5.25
Section Modulus (Z)	in ³ /ft	7.7	Section Width	inches	18
Moment of Inertia (I)	in ⁴ /ft	20.3	UV Stabilized		Yes
Ultimate Tensile Stress	psi	6,300	Standard	sheets/	22
Creep Limited stress	psi	4,000	Packaging	bundle	

Geometric and strength properties are based on the geometric center of the part.

Physical properties are defined by ASTM standards for Plastic Building Products. The values shown are nominal and may vary. The information found in this document is believed to be true and accurate. No warranties of any kind are made as to the suitability of ESP sheet piling for particular applications or results obtained there from. Consult with a professional engineer and/or contractor as to the suitability of this product for your particular application.



Everlast Synthetic Products, LLC
1000 Wyngate Pkwy, Suite 100
Woodstock, GA 30189
800-687-0036
800-687-0048 fax
www.everlastseawalls.com

NOTE: CORNERS NOT SET AS PER AGREEMENT
LOT & BLOCK AS PER TAX MAP

TUNES BRANCH OF KETTLE CREEK

M.M. DEED 1987

LOT 401

LOT 398
BLOCK 356

LOT 396

GREG + LAURA MAESTRI

128.00'

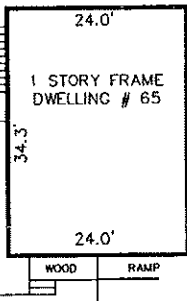
50' +/-

WOOD DOCK

N 34°07'00" E

100.00'

S 34°07'00" W



BLACKTOP

25.3'

25.3'

111.60'

BEGINNING POINT

P.W. FD.

250.00'

S 55°43'00" E 50.00'

65 TUNES BROOK DRIVE.

(40' ROW)

Known and designated as lot 398 block 356 on the Tax Map of Brick Township, Ocean County, New Jersey. Also known as lot 398 & 399 block 356.

I certify this survey to Gregory Maestri and Laura Ann Maestri, h/w, New Jersey Title Insurance Company, Rocco M. Varella, II, Esq. and all parties in interest.

This survey subject to any easement of record and other pertinent facts which an accurate title search might disclose. Environmentally sensitive areas, if any, are not located by this survey. No attempt was made to determine if any portion of this property is claimed by the State of New Jersey as tidelands. No liability is assumed by the certifying Surveyor for the use by any party not shown in the certification. The certification of this survey on the date shown is made solely to the named parties herein.



WALTER T. TOTH

N J L S NO. 21761

SURVEY OF
LOT 398 BLOCK 356

SITUATED IN

BRICK TOWNSHIP, OCEAN COUNTY, NEW JERSEY

DATE: DECEMBER 15, 1997

SCALE: 1"=20'

JOB NO. 975952

WALTER T. TOTH

WALTER T. TOTH & ASSOC., P.A.

PROFESSIONAL LAND SURVEYOR, PLANNERS & ENGINEERS
12 MADISON AVENUE, P.O. BOX 478, TOMS RIVER, NEW JERSEY 08754-0478
(732) 349-0090

TITLE NO. NJT-20311