



Date September 17, 2019

Steven Beauchene
Black Point Beach Club Association
P.O. Box 715
Niantic, CT 06357

SUBJECT: Certificate of Permission #201908317-COP
East Shore Road between Whitecap Road and Indianola Road, East Lyme

Dear Mr. Beauchene:

Please find attached a copy of your subject license and relevant enclosures which are being issued pursuant to your application of July 10, 2019. Your attention is directed to the conditions of the license. All work must conform to that which is specifically authorized. Please do not hesitate to contact me at micheal.grzywinski@ct.gov or 860-424-3674 should you have further questions.

Any work in regulated areas of the State which has not been authorized by a valid license is a violation of state law and subject to enforcement action by the Department of Energy & Environmental Protection and the Office of the Attorney General.

Your initiation of authorized activities will be relied upon as your agreement to comply with the terms and conditions of the license.

If you have not already done so, you should contact your local Planning and Zoning Office and the U. S. Army Corps of Engineers to determine local and federal permit requirements on your project, if any. Write the Corps' New England District, Regulatory Branch, 696 Virginia Road, Concord, MA 01742-2751; <http://www.nae.usace.army.mil/> or call 1-800-343-4789.

Sincerely,

Micheal P. Grzywinski, Senior Environmental Analyst
Land & Water Resources Division
Bureau of Water Protection & Land Reuse

Attached: License, Compliance Certification Form, LWRD General Conditions, Land Record Filing, Work Commencement Form, Site Plans

cc: File #201908317-COP, East Lyme

Keith Neilson, Docko, Inc., office@docko.com

Mark Nickerson, East Lyme First Selectman, mnickerson@eltownhall.com

Diane Ray, ACOE, Diane.M.Ray@usace.army.mil

Marc Berger, East Lyme Deputy Harbormaster, myden52585@aol.com

Connecticut Department of Energy and Environmental Protection License*

Certificate of Permission

Licensee(s):	Black Point Beach Club Association, Inc., c/o Steven Beauchene
Licensee Address(s):	P.O. Box 715 Niantic, CT 06357
License Number(s):	201908317-COP
Municipality:	Town of East Lyme
Project Description:	Conduct repairs to an existing concrete-capped jetty for shoreline flood and erosion control and passive recreational use.
Project Address/Location:	Stone jetty located off of East Shore Road located between Whitecap Road and Indianola Road
Waters:	Niantic Bay/Long Island Sound
Authorizing CT Statute(s) and/or Federal Law:	CGS Section 22a-359 to 363g; CGS Section 22a-90 to 112
Applicable Regulations of CT State Agencies:	22a-426-1 to 9
Agency Contact:	Land & Water Resources Division, Bureau of Water Protection & Land Reuse, 860-424-3019
License Expiration:	Five (5) years from the date of issuance of this license.
Project Site Plan Set:	One location map and nine (9) sheets of plans, Sheet 1 of 5 dated June 28, 2019, Sheets 2 through 9 of 9 dated June 27, 2019, Sheet 3 of 9 revised August 27, 2019, Sheet 4 of 9 revised July 19, 2019, Sheets 5 through 9 of 9 revised August 21, 2019.
License Enclosures:	Compliance Certification Form, Land Record Filing, LWRD General Conditions, Site Plan Set, Work Commencement Form

*Connecticut's Uniform Administrative Procedure Act defines License to include, "the whole or part of any agency permit, certificate, approval, registration, charter or similar form of permission required by law . . ."

Authorized Activities:

The Licensee is hereby authorized to conduct the following work as described in application # 201908317-COP and as depicted on any site plan sheets / sets cited herein:

1. install stakes, rods or buoys with high visibility tape or flagging around the limits of the eelgrass beds located immediately north and east of the existing groin;
2. place temporary matting for land-based equipment to cross the beach;
3. using land-based equipment, conduct repairs to an existing concrete-capped groin commonly known as the "Steel Pier" consisting of:
 - a. install approximately 205 linear feet of new steel sheetpile bulkhead along the northern side of the groin immediately waterward of the existing deteriorated steel bulkhead;
 - b. remove portions of the existing concrete cap;
 - c. pump flowable grout or concrete and crushed stone within the footprint of the existing groin;
 - d. construct a new 11" thick reinforced concrete cap with a top elevation varying from +5.3' MLW to +5.8' MLW;
 - e. place approximately 25 cubic yards of new armor stone over an approximately 250 square foot area on the southern side of the groin;
4. remove the temporary matting, stakes, rods or buoys identified above; and
5. restore the beach profile to pre-existing grades and elevations.

Failure to comply with the terms and conditions of this license shall subject the Licensee and / or the Licensee's contractor(s) to enforcement actions and penalties as provided by law.

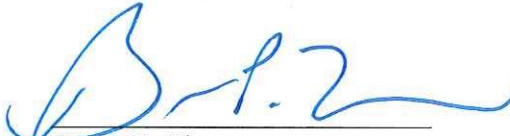
This license is subject to the following Terms and Conditions:

1. **License Enclosure(s) and Conditions.** The Licensee shall comply with all applicable terms and conditions as may be stipulated within the License Enclosure(s) listed above.
2. Prior to the commencement of the work authorized in **Authorized Activities** paragraphs 2., 3., 4., and 5., the Licensee shall install the eel grass markers authorized in **Authorized Activities** paragraph 1., above. Such markers shall be maintained in optimal condition during the authorized work. The Licensee shall not conduct work in these areas and avoid these areas during construction.
3. The work authorized herein shall be conducted using land-based equipment and hand-held tools.
4. All waste material generated by the performance of the work authorized herein shall be disposed of by the Licensee at an upland site approved for the disposal of such waste materials, as applicable. The Licensee shall ensure that no waste material enters the Niantic Bay or Long Island Sound and must immediately remove any debris that enters the water.

5. Waterward encroachment of the bulkhead authorized herein shall extend no further than 18" from the waterward face of the existing bulkhead.
6. Prior to commencement of the work authorized herein, the Licensee shall install and maintain erosion and sediment controls designed in accordance with the 2002 Connecticut Erosion and Sediment Control Guidelines and shall continue to maintain such controls in good operating condition for the construction period of the project or until the site is stabilized.
7. Prior to the commencement of the work authorized herein the Licensee shall obtain all appropriate state, local and federal authorizations.
8. The Licensee shall place the stone riprap authorized herein within the footprint of the existing revetment and shall not encroach further waterward than the waterwardmost toe of the revetment.
9. The Licensee shall construct the reinforced concrete seawall facing and cap with a thickness not to exceed 11" and shall have a top elevation varying from +5.3' MLW and +5.8' MLW.
10. The Licensee shall restore the beach to pre-existing grades and elevations upon completion of the work authorized herein.
11. The Licensee shall not store any equipment or materials on the beach at any time except while work is being conducted. All materials and equipment shall be stored on paved areas when work is not being conducted.

Issued under the authority of the Commissioner of Energy and Environmental Protection on:

September 17, 2019
Date



Brian P. Thompson
Division Director
Land & Water Resources Division

General Conditions for Land & Water Resources Division Licenses

1. **Land Record Filing (for *Structures Dredging & Fill, Tidal Wetlands, Certificate of Permission, and Long Island Sound General Permit Licenses only*).** The Licensee shall file the Land Record Filing on the land records of the municipality in which the subject property is located not later than thirty (30) days after license issuance pursuant to Connecticut General Statutes (CGS) Section 22a-363g. A copy of the Notice with a stamp or other such proof of filing with the municipality shall be submitted to the Commissioner no later than sixty (60) days after license issuance. If a Land Record Filing form is not enclosed and the work site is not associated with an upland property, no filing is required.
2. **Contractor Notification.** The Licensee shall give a copy of the license and its attachments to the contractor(s) who will be carrying out the authorized activities prior to the start of construction and shall receive a written receipt for such copy, signed and dated by such contractor(s). The Licensee's contractor(s) shall conduct all operations at the site in full compliance with the license and, to the extent provided by law, may be held liable for any violation of the terms and conditions of the license. At the work site, the contractor(s) shall, whenever work is being performed, have on site and make available for inspection a copy of the license and the authorized plans.
3. **Work Commencement¹.** Not later than two (2) weeks prior to the commencement of any work authorized herein, the Licensee shall submit to the Commissioner, on the Work Commencement Form attached hereto, the name(s) and address(es) of all contractor(s) employed to conduct such work and the expected date for commencement and completion of such work, if any.
 - For water diversion activities authorized pursuant to 22a-377(c)-1 of the Regulations of Connecticut State Agencies, the Licensee shall also notify the Commissioner in writing two weeks prior to initiating the authorized diversion.
 - For emergency activities authorized pursuant Connecticut General Statutes Section 22a-6k, the Licensee shall notify the Commissioner, in writing, of activity commencement at least one (1) day prior to construction and of activity completion no later than five (5) days after conclusion.
4. **For Coastal Licenses Only - License Notice.** The Licensee shall post the first page of the License in a conspicuous place at the work area while the work authorized therein is undertaken.
5. **Unauthorized Activities.** Except as specifically authorized, no equipment or material, including but not limited to, fill, construction materials, excavated material or debris, shall be

¹ The Work Commencement condition and the need for a Work Commencement Form is not applicable to Flood Management Certification approvals.

deposited, placed or stored in any wetland or watercourse on or off-site. The Licensee may not conduct work within wetlands or watercourses other than as specifically authorized, unless otherwise authorized in writing by the Commissioner. Tidal wetlands means "wetland" as defined by section 22a-29 and "freshwater wetlands and watercourses" means "wetlands" and "watercourses" as defined by section 22a-38.

6. Unconfined Instream Work. Unless otherwise noted in a condition of the license, the following conditions apply to projects in non-coastal waters:

- Unconfined instream work is limited to the period June 1 through September 30.
- Confinement of a work area by cofferdam techniques using sand bag placement, sheet pile installation (vibratory method only), portadam, or similar confinement devices is allowed any time of the year. The removal of such confinement devices is allowed any time of the year.
- Once a work area has been confined, in-water work within the confined area is allowed any time of the year.
- The confinement technique used shall completely isolate and protect the confined area from all flowing water. The use of silt boom/curtain or similar technique as a means for confinement is prohibited.

7. For State Actions Only - Material or Equipment Storage in the Floodplain. Unless approved by a Flood Management Exemption, the storage of any materials at the site which are buoyant, hazardous, flammable, explosive, soluble, expansive, radioactive, or which could in the event of a flood be injurious to human, animal or plant life, below the elevation of the five-hundred (500) year flood is prohibited. Any other material or equipment stored at the site below said elevation by the Licensee or the Licensee's contractor must be firmly anchored, restrained or enclosed to prevent flotation. The quantity of fuel stored below such elevation for equipment used at the site shall not exceed the quantity of fuel that is expected to be used by such equipment in one day. In accordance with the licensee's Flood Contingency Plan, the Licensee shall remove equipment and materials from the floodplain during periods when flood warnings have been issued or are anticipated by a responsible federal, state or local agency. It shall be the Licensee's responsibility to obtain such warnings when flooding is anticipated.

8. Temporary Hydraulic Facilities for Water Handling. If not reviewed and approved as a part of the license application, temporary hydraulic facilities shall be designed by a qualified professional and in accordance with the *Connecticut Guidelines for Soil Erosion and Sediment Control*, the *2004 Connecticut Stormwater Quality Manual*, or the *Department of Transportation's ConnDOT Drainage Manual*, as applicable. Temporary hydraulic facilities may include channels, culverts or bridges which are required for haul roads, channel relocations, culvert installations, bridge construction, temporary roads, or detours.

9. Excavated Materials. Unless otherwise authorized, all excavated material shall be staged and managed in a manner which prevents additional impacts to wetlands and watercourses.

10. Best Management Practices. The Licensee shall not cause or allow pollution of any wetlands or watercourses, including pollution resulting from sedimentation and erosion. In constructing

or maintaining any authorized structure or facility or conducting any authorized activity, or in removing any such structure or facility, the Licensee shall employ best management practices to control storm water discharges, to prevent erosion and sedimentation, and to otherwise prevent pollution of wetlands and other waters of the State. For purposes of the license, "pollution" means "pollution" as that term is defined by CGS section 22a-423. Best Management Practices include, but are not limited, to practices identified in the *Connecticut Guidelines for Soil Erosion and Sediment Control* as revised, 2004 *Connecticut Stormwater Quality Manual*, Department of Transportation's *ConnDOT Drainage Manual* as revised, and the Department of Transportation Standard Specifications as revised.

11. Work Site Restoration. Upon completion of any authorized work, the Licensee shall restore all areas impacted by construction, or used as a staging area or accessway in connection with such work, to their condition prior to the commencement of such work.

12. Inspection. The Licensee shall allow any representative of the Commissioner to inspect the project location at reasonable times to ensure that work is being or has been conducted in accordance with the terms and conditions of this license.

13. Change of Use. (Applies only if a use is specified within the License "*Project Description*")

a. The work specified in the license is authorized solely for the purpose set forth in the license. No change in purpose or use of the authorized work or facilities as set forth in the license may occur without the prior written approval of the Commissioner. The Licensee shall, prior to undertaking or allowing any change in use or purpose from that which is authorized by this license, request permission from the Commissioner for such change. Said request shall be in writing and shall describe the proposed change and the reason for the change.

b. A change in the form of ownership of any structure authorized herein from a rental/lease commercial marina to a wholly-owned common interest community or dockominium may constitute a change in purpose as specified in paragraph (a) above.

14. De Minimis Alteration. The Licensee shall not deviate from the authorized activity without prior written approval from the Commissioner. The Licensee may request a de minimis change to any authorized structure, facility, or activity. A de minimis alteration means a change in the authorized design, construction or operation that individually and cumulatively has minimal additional environmental impact and does not substantively alter the project as authorized.

- For diversion activities authorized pursuant to 22a-377(c)-2 of the Regulations of Connecticut State Agencies, a de minimis alteration means an alteration which does not significantly increase the quantity of water diverted or significantly change the capacity to divert water.

15. Extension Request. The Licensee may request an extension of the license expiration date. Such request shall be in writing and shall be submitted to the Commissioner at least thirty (30) days prior to the license expiration. Such request shall describe the work done to date, what work still needs to be completed, and the reason for such extension. It shall be the

Commissioner's sole discretion to grant or deny such request.

- 16. Compliance Certification.** Not later than 90 days after completion of the authorized work, the Licensee shall prepare and submit to the Commissioner the attached Compliance Certification Form. Such Compliance Certification shall be completed, signed, and sealed by the Licensee and a Connecticut Licensed Design Professional. If non-compliance is indicated on the form, or the Commissioner has reason to believe the activities and/or structures were conducted in non-compliance with the license, the Commissioner may require the Licensee to submit as-built plans as a condition of this license.
- 17. Maintenance.** The Licensee shall maintain all authorized structures or work in optimal condition or shall remove such structures or facility and restore the affected waters to their pre-work condition. Any such maintenance or removal activity shall be conducted in accordance with applicable law and any additional approvals required by law.
- 18. No Work After License Expiration.** Work conducted after the license expiration date is a violation of the license and may subject the licensee to enforcement action, including penalties, as provided by law.
- 19. License Transfer.** The license is not transferable without prior written authorization of the Commissioner. A request to transfer a license shall be submitted in writing and shall describe the proposed transfer and the reason for such transfer. The Licensee's obligations under the license shall not be affected by the passage of title to the license site to any other person or municipality until such time as a transfer is approved by the Commissioner.
- 20. Document Submission.** Any document required to be submitted to the Commissioner under the license or any contact required to be made with the Commissioner shall, unless otherwise specified in writing by the Commissioner, be directed to:

Regulatory Section
Land & Water Resources Division
Department of Energy and Environmental Protection
79 Elm Street
Hartford, Connecticut 06106-5127
860-424-3019
- 21. Date of Document Submission.** The date of submission to the Commissioner of any document required by the license shall be the date such document is received by the Commissioner. The date of any notice by the Commissioner under the license, including but not limited to notice of approval or disapproval of any document or other action, shall be the date such notice is personally delivered or the date three (3) days after it is mailed by the Commissioner, whichever is earlier. Except as otherwise specified in the license, the word "day" as used in the license means calendar day. Any document or action which is required by the license to be submitted or performed by a date which falls on a Saturday, Sunday or a Connecticut or federal holiday shall be submitted or performed on or before the next day which is not a Saturday, Sunday, or a Connecticut or federal holiday.
- 22. Certification of Documents.** Any document, including but not limited to any notice, which

is required to be submitted to the Commissioner under the license shall be signed by the Licensee and by the individual or individuals responsible for actually preparing such document, each of whom shall certify in writing as follows: "I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statement made in this document or its attachments may be punishable as a criminal offense."

23. Accuracy of Documentation. In evaluating the application for the license, the Commissioner has relied on information and data provided by the Licensee and on the Licensee's representations concerning site conditions, design specifications and the proposed work, including but not limited to representations concerning the commercial, public or private nature of the work or structures, the water-dependency of said work or structures, its availability for access by the general public, and the ownership of regulated structures or filled areas. If such information proves to be false, deceptive, incomplete or inaccurate, the license may be modified, suspended or revoked, and any unauthorized activities may be subject to enforcement action.

24. Limits of Liability. In granting the license, the Commissioner has relied on all representations of the Licensee, including information and data provided in support of the Licensee's application. Neither the Licensee's representations nor the issuance of the license shall constitute an assurance by the Commissioner as to the structural integrity, the engineering feasibility or the efficacy of such design.

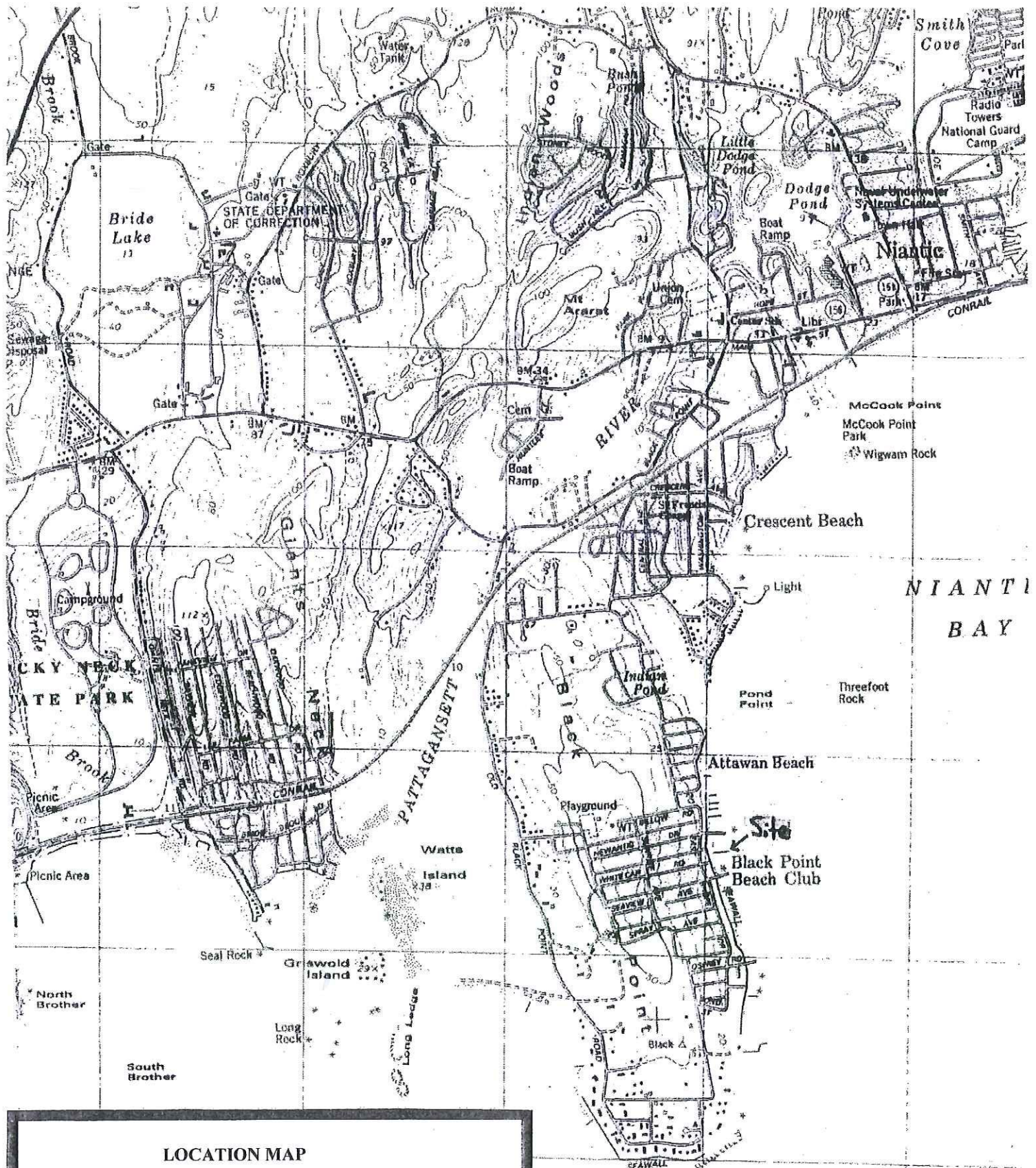
25. Reporting of Violations. In the event that the Licensee becomes aware that they did not or may not comply, or did not or may not comply on time, with any provision of this license or of any document incorporated into the license, the Licensee shall immediately notify the agency contact specified within the license and shall take all reasonable steps to ensure that any noncompliance or delay is avoided or, if unavoidable, is minimized to the greatest extent possible. In so notifying the agency contact, the Licensee shall provide, for the agency's review and written approval, a report including the following information:

- a. the provision(s) of the license that has been violated;
- b. the date and time the violation(s) was first observed and by whom;
- c. the cause of the violation(s), if known;
- d. if the violation(s) has ceased, the duration of the violation(s) and the exact date(s) and times(s) it was corrected;
- e. if the violation(s) has not ceased, the anticipated date when it will be corrected;
- f. steps taken and steps planned to prevent a reoccurrence of the violation(s) and the date(s) such steps were implemented or will be implemented; and
- g. the signatures of the Licensee and of the individual(s) responsible for actually preparing such report.

If the violation occurs outside of normal business hours, the Licensee shall contact the

Department of Energy and Environmental Protection Emergency Dispatch at 860-424-3333. The Licensee shall comply with any dates which may be approved in writing by the Commissioner.

- 26. Revocation/Suspension/Modification.** The license may be revoked, suspended, or modified in accordance with applicable law.
- 27. Other Required Approvals.** License issuance does not relieve the Licensee of their obligations to obtain any other approvals required by applicable federal, state and local law.
- 28. Rights.** The license is subject to and does not derogate any present or future property rights or powers of the State of Connecticut, and conveys no property rights in real estate or material nor any exclusive privileges, and is further subject to any and all public and private rights and to any federal, state or local laws or regulations pertinent to the property or activity affected hereby.
- 29. Condition Conflicts.** In the case where a project specific special condition listed on the license differs from, or conflicts with, one of the general conditions listed herein, the project specific special condition language shall prevail. It is the licensee's responsibility to contact the agency contact person listed on the license for clarification if needed prior to conducting any further regulated activities.

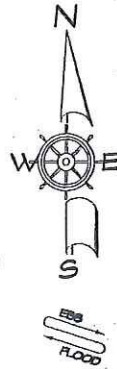


LOCATION MAP

Project: "GROIN RESTORATION"
 Location: NIAN TIC, TOWN OF EAST LYME
 NEW LONDON COUNTY, CONNECTICUT
 Waterway: NIAN TIC BAY
 Applicant: BLACK POINT BEACH CLUB ASSOC.
 Agent: DOCKO, INC.

1-10
PROPERTY
OWNERS AND
MAILING
ADDRESSES ON
SHEET 2

NIANTIC BAY



N/F PROPERTY of
LORENZO

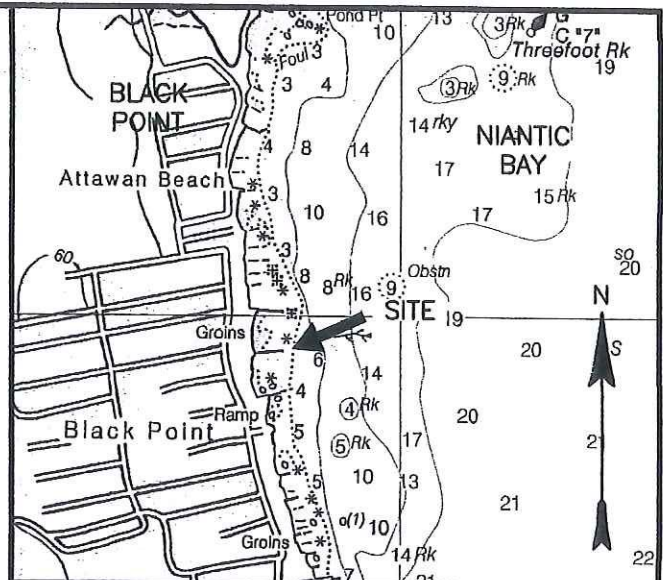
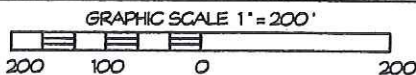
PROJECT: GROIN
RESTORATION

SITE
PROPERTY of
BLACK POINT
BEACH
ASSOCIATION

NOTE THE SHORELINE SHOWN ON
THIS DRAWING IS BASED ON TOWN
GIS PLANIMETRIC INFORMATION AND
MAY NOT REFLECT THE CURRENT TIDE
LINE LOCATIONS.

SEA VIEW AVENUE

OVERALL PLAN



LOCATION MAP

REFERENCE
CHART : 12372
GRAPHIC SCALE
IN YARDS

NOTES:

1. ELEVATION DATUM IS MEAN LOW WATER (MLW).
2. TIDE DATA IS TAKEN FROM 2019 NOAA TIDE TABLES
REFERENCE : NEW LONDON. CUL IS TAKEN FROM THE
COASTAL JURISDICTIONAL LINE FACT SHEET : EAST LYME
3. PROJECT DESCRIPTION: RESTORE AN EXISTING
AUTHORIZED GROIN TO INCLUDE DRIVING 205±LF OF STEEL
SHEET PILING, PUMPING CONCRETE INTO VOIDS IN THE
ARMOR STONE ALONG THE SOUTH AND EAST EDGES OF
THE GROIN, 50±CY OVER 750±SF, REFILLING THE EXISTING
STEEL SHEET PILE GROIN CAVITY WITH CONCRETE, 250±CY
OVER 2500±SF CASTING A NEW 11 INCH THICK REINFORCED
CONCRETE CAP WITH EDGING OVER THE GROIN, 200±CY
OVER 2750±SF AND PLACING SUPPLEMENTAL ARMOR
STONE, 25±CY OVER 250±SF, AT AND WATERWARD OF
THE HIGH TIDE LINE AND CT COASTAL JURISDICTION LINE.
4. PROJECT PURPOSE: TO PRESERVE THE EXISTING
LONGSTANDING SHORELINE PROTECTION AND SAND AND
PROVIDE PUBLIC ACCESS INTO NIANTIC BAY.
5. THESE APPLICATION DRAWINGS REPRESENT A
COMPILATION OF SURVEYS FOR ENVIRONMENTAL PERMIT
PURPOSES. THEY ARE NOT CONSTRUCTION CONTRACT
DOCUMENTS. A TOWN BUILDING PERMIT MAY BE REQUIRED.
6. ADJOINING PROPERTY OWNERS:
FOR PROPERTIES LABELED "1-10" SEE SHEET 2

PROJECT: GROIN RESTORATION

LOCATION: BLACK POINT - TOWN of EAST LYME
NEW LONDON COUNTY, CONNECTICUT

WATERWAY: NIANTIC BAY

DATE: JUNE 28, 2019

APPLICANT: BLACK POINT BEACH CLUB
ASSOCIATION, INC
SHEET 1 OF 9

AGENT:

DOCKO, INC.

Keith B. Nelson, PE

Mystic, CT 06355

860 572 8939 FAX 860 572 7569

EMAIL: office@docko.com



DWG 19-03-3010

ABUTTERS

1. LORENZO, ROBERT
16 GLENWOOD RD.
WEST HARTFORD, CT

2. GOYAL, SUBHASH CTR &
16 E SHORE RD.
NIAHTIC, CT

3. CHINSKY, MARY BETH
1067 MAIN ST.
S WINDSOR, CT

4. BEAUCHENE, STEVEN
170 PORTER RD.
HEBRON, CT

5. KYCIA, TINA M CO TRUSTEE ETAL
21 LINCOLN AVE.
W HARTFORD,

6. ADINOLFI, ELIZABETH C
60 JILLIAN CIR.
W HARTFORD, CT

7. MURPHY, ELINOR
37 CANTONE CIR.
MANCHESTER, CT

8. HARMON, RODERICK C
400 CHAPEL RD. STE 1H
S WINDSOR, CT

9. RENEY, ALBERT A & MAUREEN F
P.O. BOX 2358
BRATTLEBORO, VT

10. BOLLO, LOUIS TR
401 NE PLANTATION RD
STUART, FL



PROJECT: *GROIN RESTORATION*

LOCATION: BLACK POINT - TOWN of EAST LYME
NEW LONDON COUNTY, CONNECTICUT

WATERWAY: NIAHTIC BAY

DATE: JUNE 27, 2019

APPLICANT: BLACK POINT BEACH CLUB
ASSOCIATION, INC

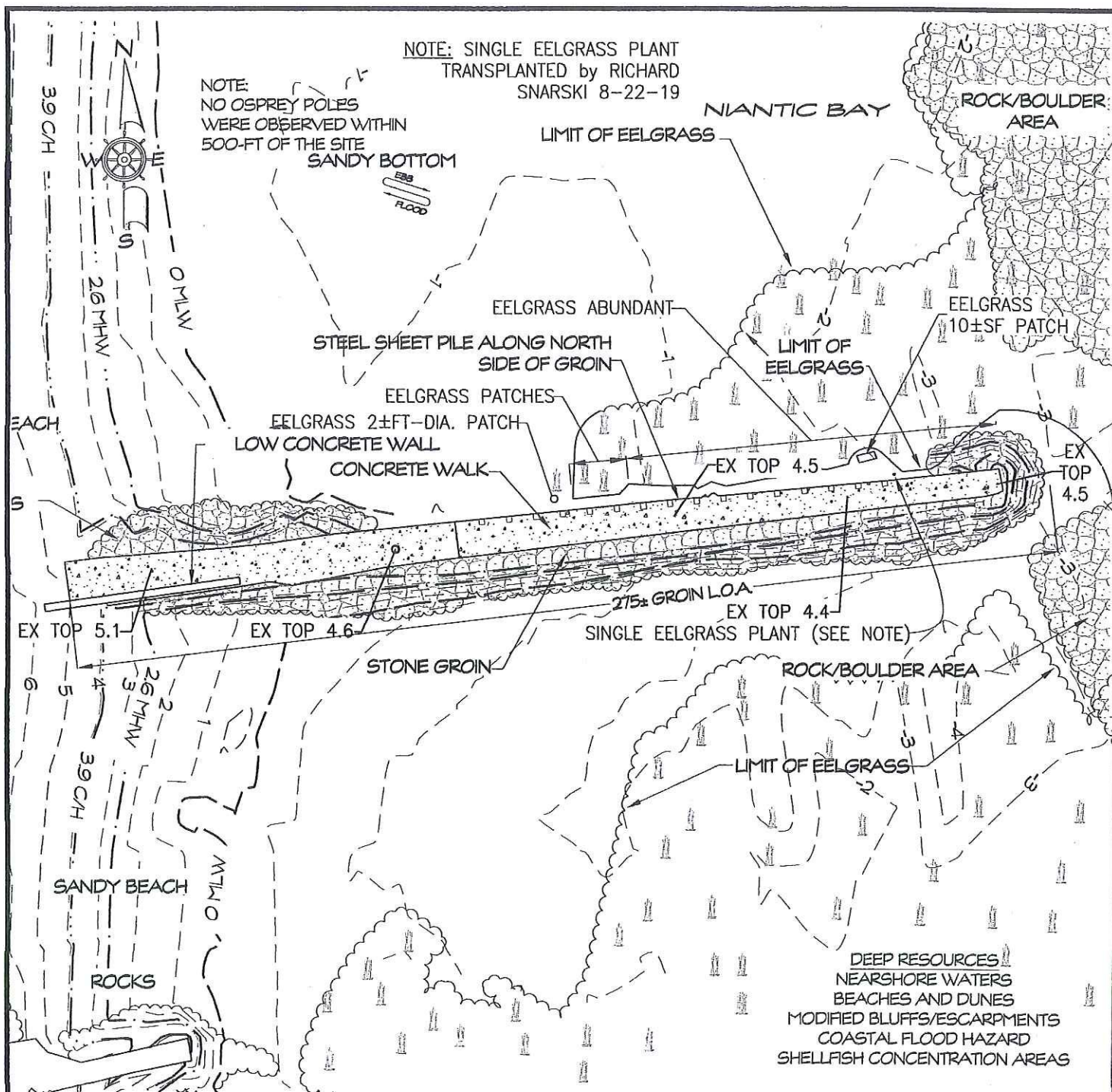
AGENT: SHEET 2 OF 9

DOCKO, INC.

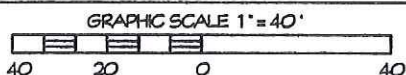
Kelth B. Neilson, PE
Mystic, CT 06355
860 572 8939 FAX 860 572 7569
EMAIL: office@docko.com



DWG 19-03-3010



EXISTING CONDITIONS



SURVEY by RESOURCE MANAGEMENT & MAPPING
ELEVATIONS ARE BASED ON MEAN LOW WATER (MLW)



REVISED 8-27-19 DEEP
EX CONC DECK ELEV.

PROJECT: **GROIN RESTORATION**

LOCATION: **BLACK POINT - TOWN of EAST LYME
NEW LONDON COUNTY, CONNECTICUT**

WATERWAY: **NIANTIC BAY**

DATE: **JUNE 27, 2019**

APPLICANT: **BLACK POINT BEACH CLUB
ASSOCIATION, INC**

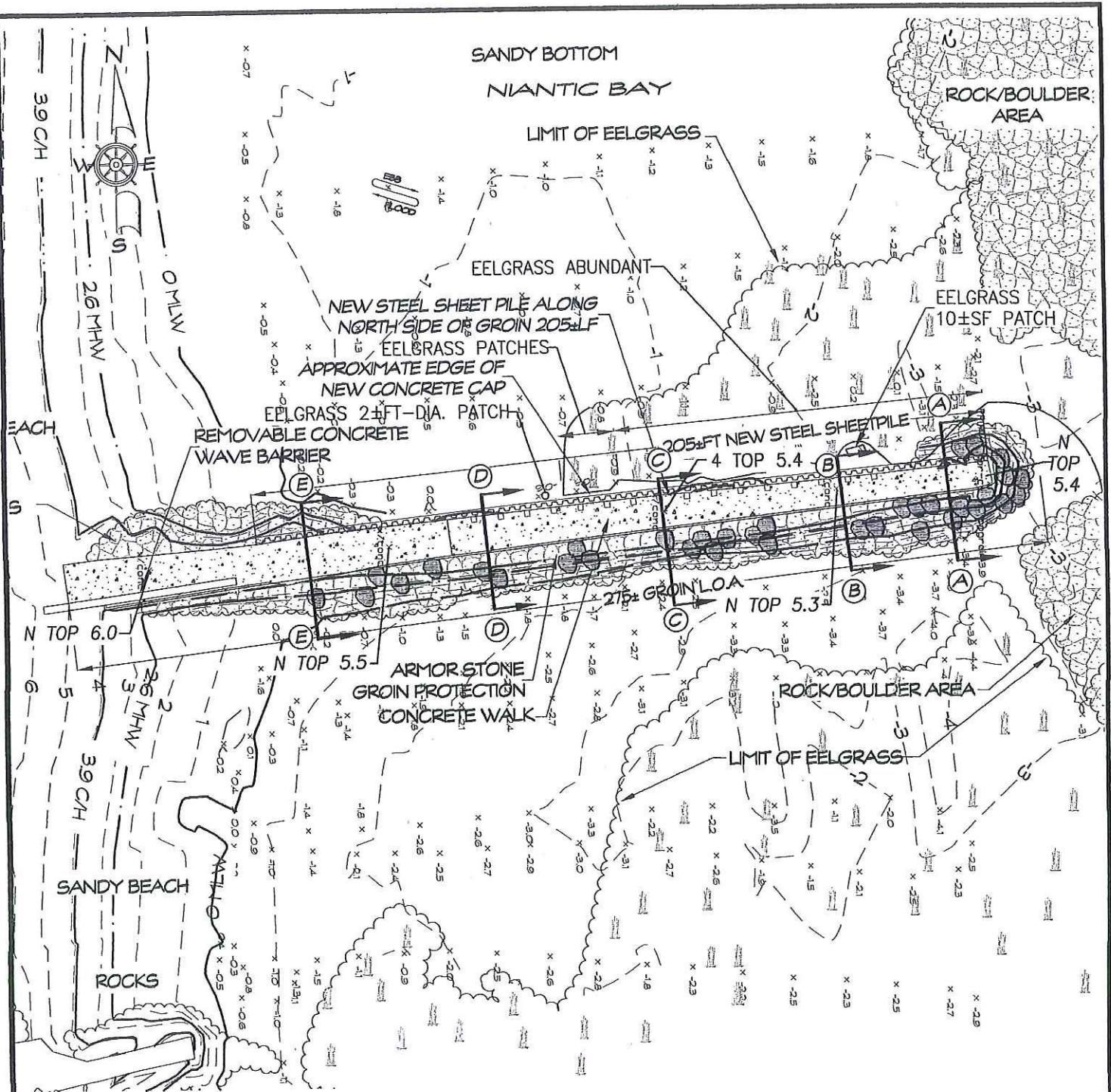
AGENT: **SHEET 3 OF 9**

DOCKO, INC.

Keith B. Neilson, PE
Mystic, CT 06355
860 572 8939 FAX 860 572 7569
EMAIL: office@docko.com



DWG 19-03-3010



EXISTING
DETERIORATED
STEEL SHEETPILE
(TYP)

EXISTING CONCRETE CAP EL. 4.5±FT

ORIGINAL CONCRETE CAP

EXISTING ARMOR STONE

CJL 3.9

MHW 2.6

MLW 0.0

LIMIT OF EELGRASS

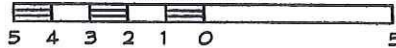
ORIGINAL TIMBER AND
STONE CRIB (TYP)

BOTTOM SEDIMENTS: SAND

APPROXIMATE LIMIT OF
SETTLED STONE (TYP)

EXISTING GROIN SECTION A-A

GRAPHIC SCALE 1"=5'



NEW EDGING (TYP
ALONG BOTH SIDES)

NEW REINFORCED
CONCRETE CAP EL. 5.3±FT

REMOVE STONE AS NECESSARY
TO FILL VOIDS WITH CONCRETE
THEN RESET STONE

NEW STEEL
SHEETPILE (TYP)

SUPPLEMENTAL ARMOR
STONE 25±CY OVER
250±SF VARIABLE
THROUGHOUT ARMOR
STONE AREA

EXISTING ARMOR STONE

CJL 3.9
LIMIT OF EELGRASS
MHW 2.6

MLW 0.0

NEW SHEETPILE
TIE-BACK ROD (TYP)

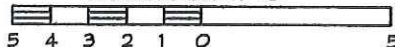
ORIGINAL TIMBER AND
STONE CRIB (TYP)

BOTTOM SEDIMENTS: SAND

APPROXIMATE LIMIT OF
SETTLED STONE (TYP)

GROIN RESTORATION SECTION A-A

GRAPHIC SCALE 1"=5'



ELEVATIONS ARE BASED ON MEAN LOW WATER (MLW)

PROJECT: GROIN RESTORATION

LOCATION: BLACK POINT - TOWN OF EAST LYME
NEW LONDON COUNTY, CONNECTICUT

WATERWAY: NANTIC BAY

DATE: JUNE 27, 2019

APPLICANT: BLACK POINT BEACH CLUB
ASSOCIATION, INC

AGENT: SHEET 5 OF 9

DOCKO, INC.

Keith B. Nelson, PE

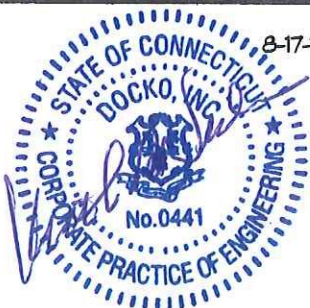
Mystic, CT 06355

860 572 8939 FAX 860 572 7569

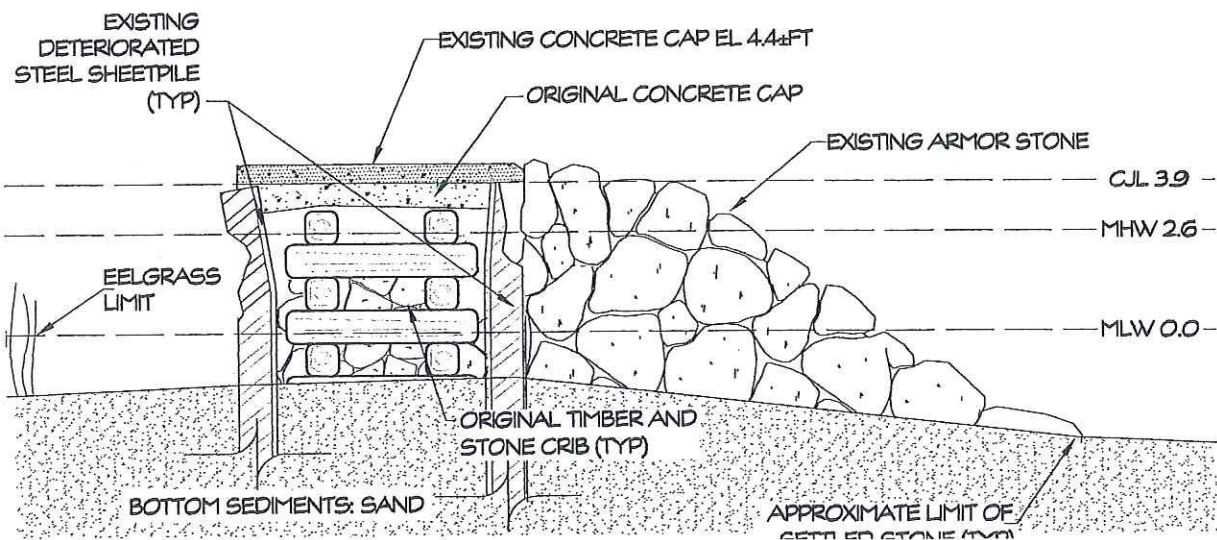
EMAIL: office@docko.com



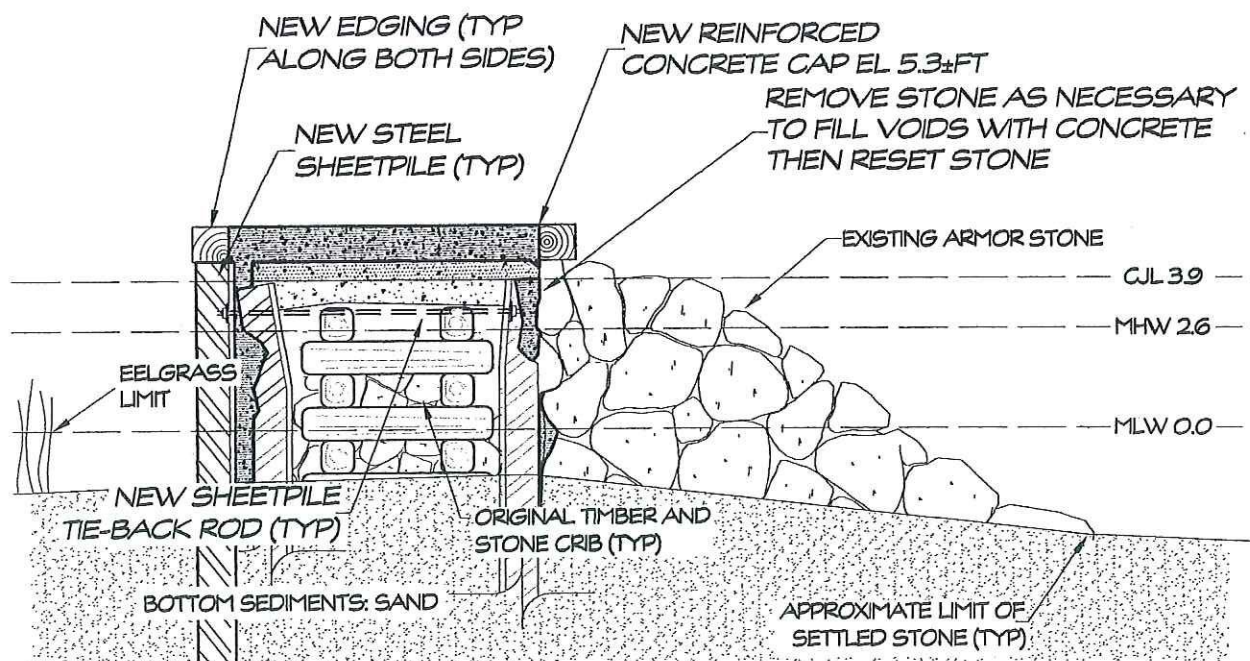
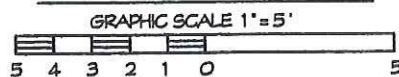
DWG 19-03-3010



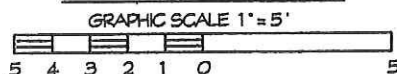
REVISED 7-19-19 DEEP
8-17-19 EELGRASS SURVEY
REVISED 8-21-19 DEEP
NEW SECTION



EXISTING GROIN SECTION B-B



GROIN RESTORATION SECTION B-B



REVISED 8-21-19 DEEP
NEW SECTION

PROJECT: GROIN RESTORATION

LOCATION: BLACK POINT - TOWN of EAST LYME
NEW LONDON COUNTY, CONNECTICUT

WATERWAY: NANTIC BAY

DATE: JUNE 27, 2019

APPLICANT: BLACK POINT BEACH CLUB
ASSOCIATION, INC

AGENT: SHEET 6 OF 9

DOCKO, INC.

Keith B. Neilson, PE

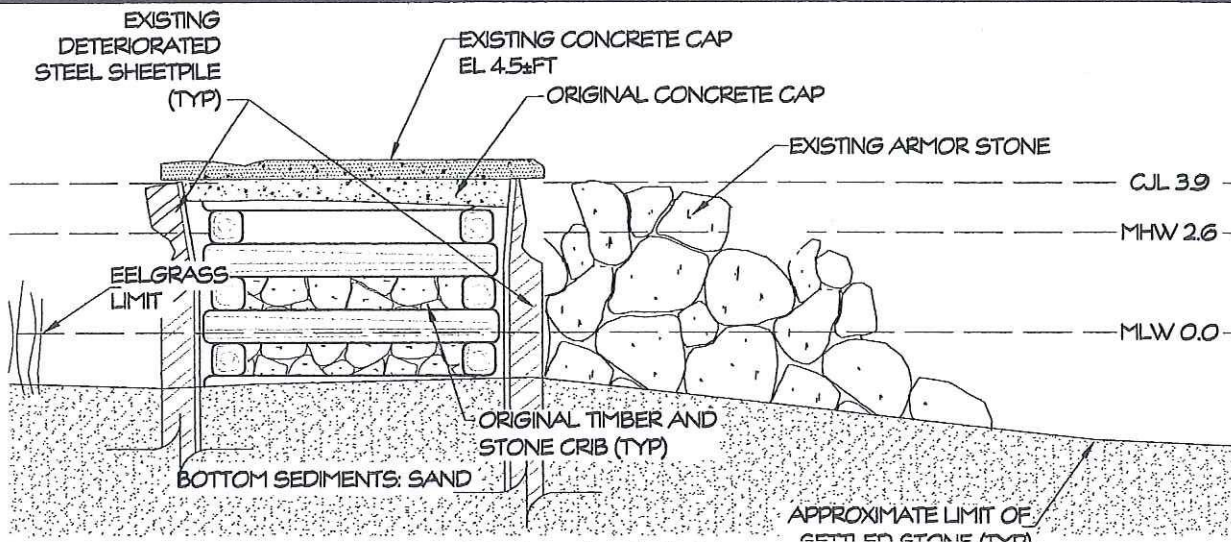
Mystic, CT 06355

860 572 8939 FAX 860 572 7569

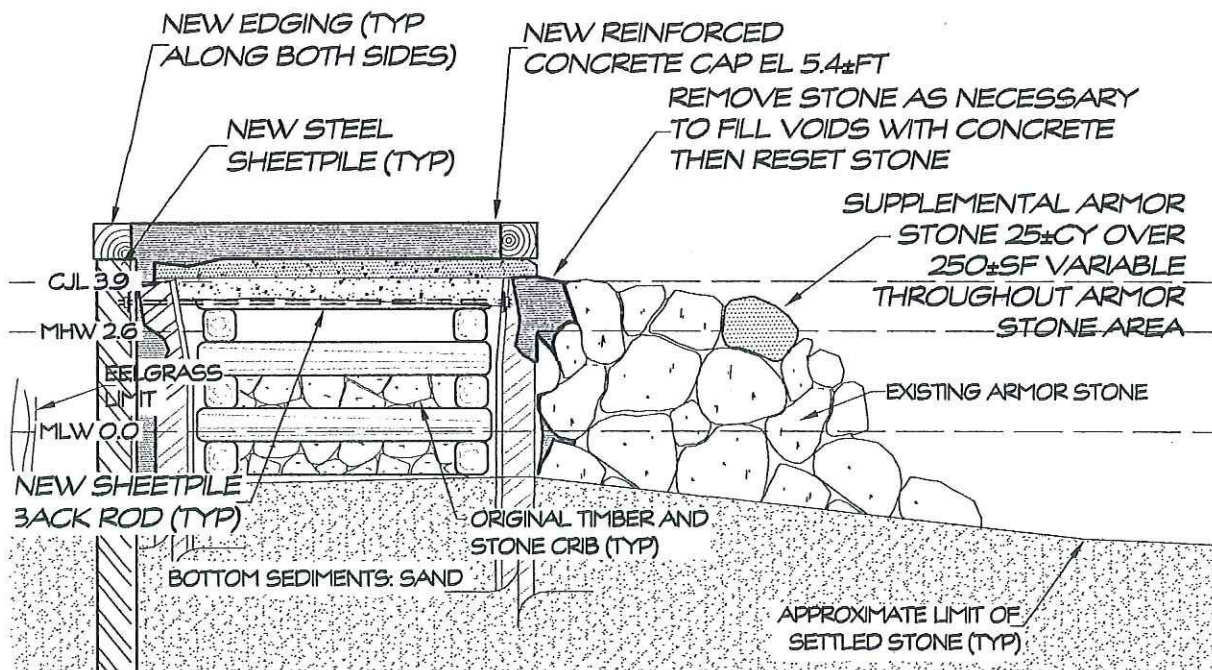
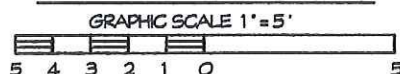
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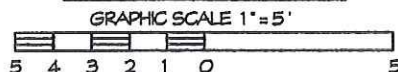
DWG 19-08-3010



EXISTING GROIN SECTION C-C



GROIN RESTORATION SECTION C-C



REVISED 8-21-19 DEEP
NEW SECTION

PROJECT: GROIN RESTORATION

LOCATION: BLACK POINT - TOWN of EAST LYME
NEW LONDON COUNTY, CONNECTICUT

WATERWAY: NANTIC BAY

DATE: JUNE 27, 2019

APPLICANT: BLACK POINT BEACH CLUB
ASSOCIATION, INC

AGENT: SHEET 7 OF 9

DOCKO, INC.

Keith B. Nelson, PE

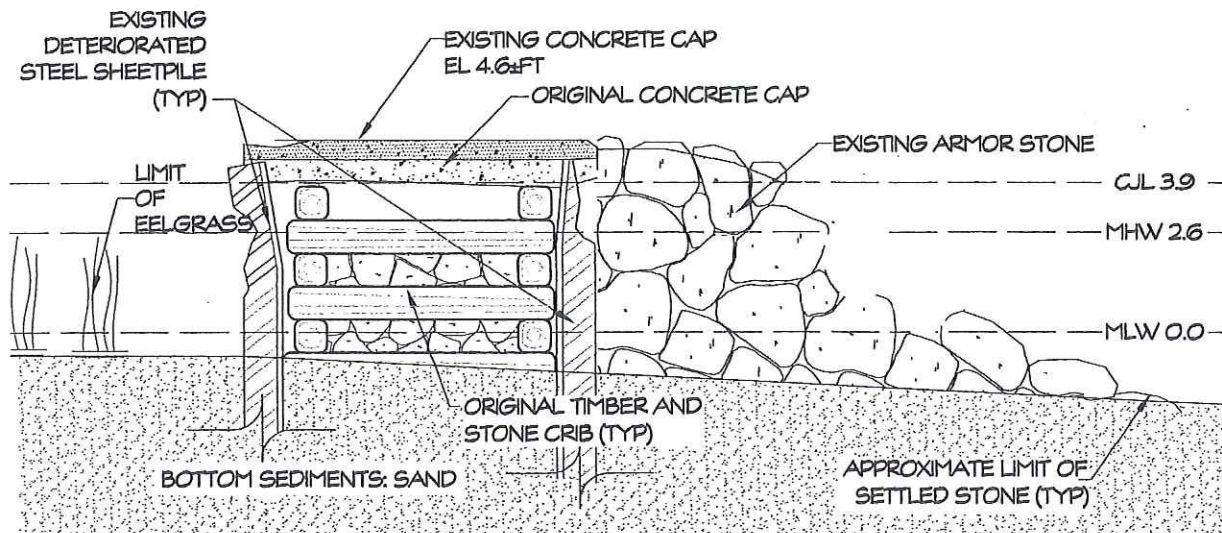
Mystic, CT 06355

860 572 8939 FAX 860 572 7569

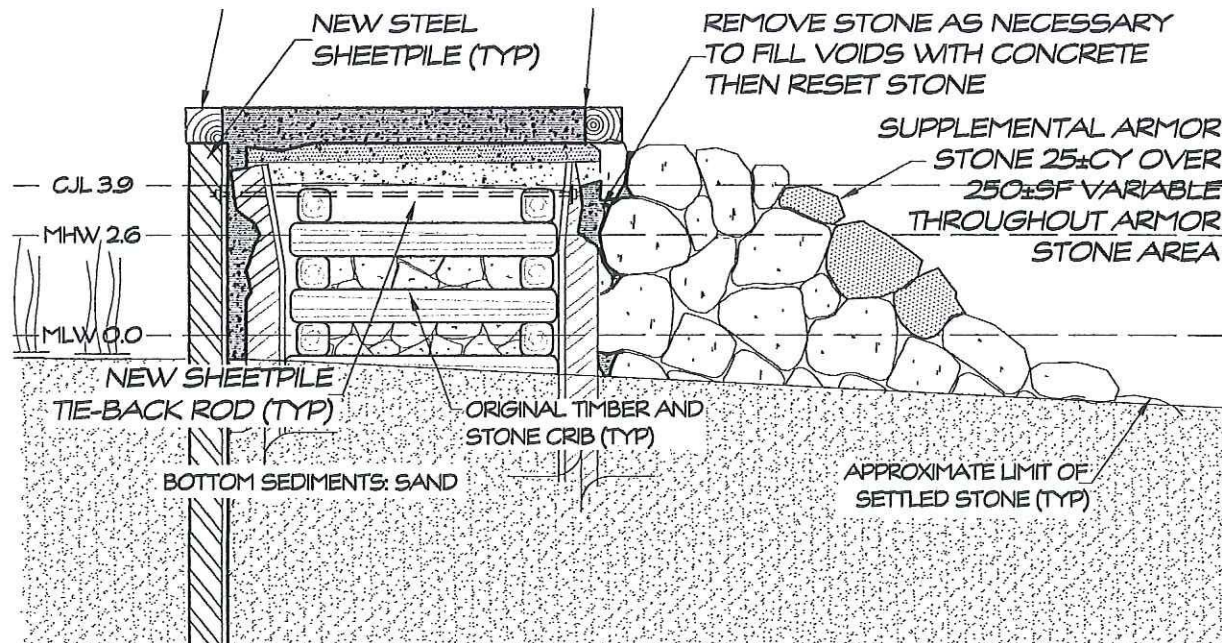
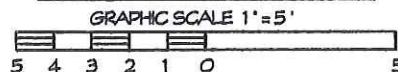
EMAIL: office@docko.com



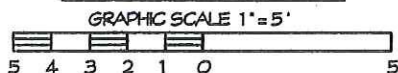
DWG 19-03-3010



EXISTING GROIN SECTION D-D



GROIN RESTORATION SECTION D-D



REVISED 8-21-19 DEEP
NEW SECTION

PROJECT: GROIN RESTORATION

LOCATION: BLACK POINT - TOWN of EAST LYME
NEW LONDON COUNTY, CONNECTICUT

WATERWAY: NANTIC BAY

DATE: JUNE 27, 2019

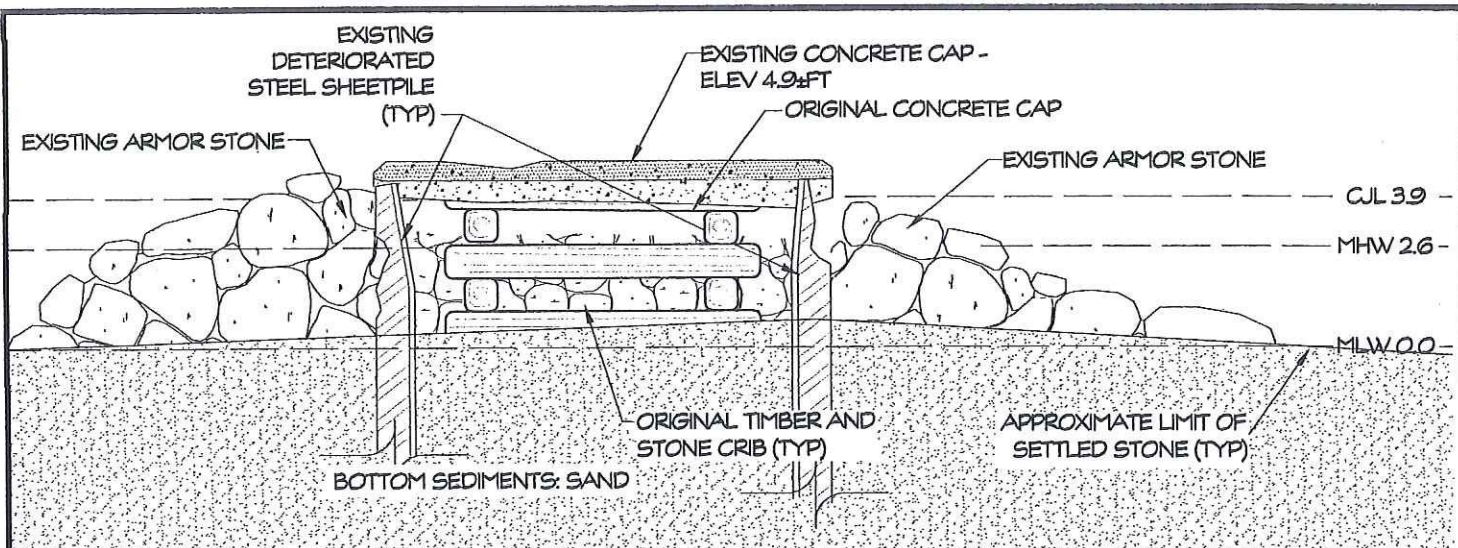
APPLICANT: BLACK POINT BEACH CLUB
ASSOCIATION, INC

AGENT: SHEET 8 OF 9
DOCKO, INC.

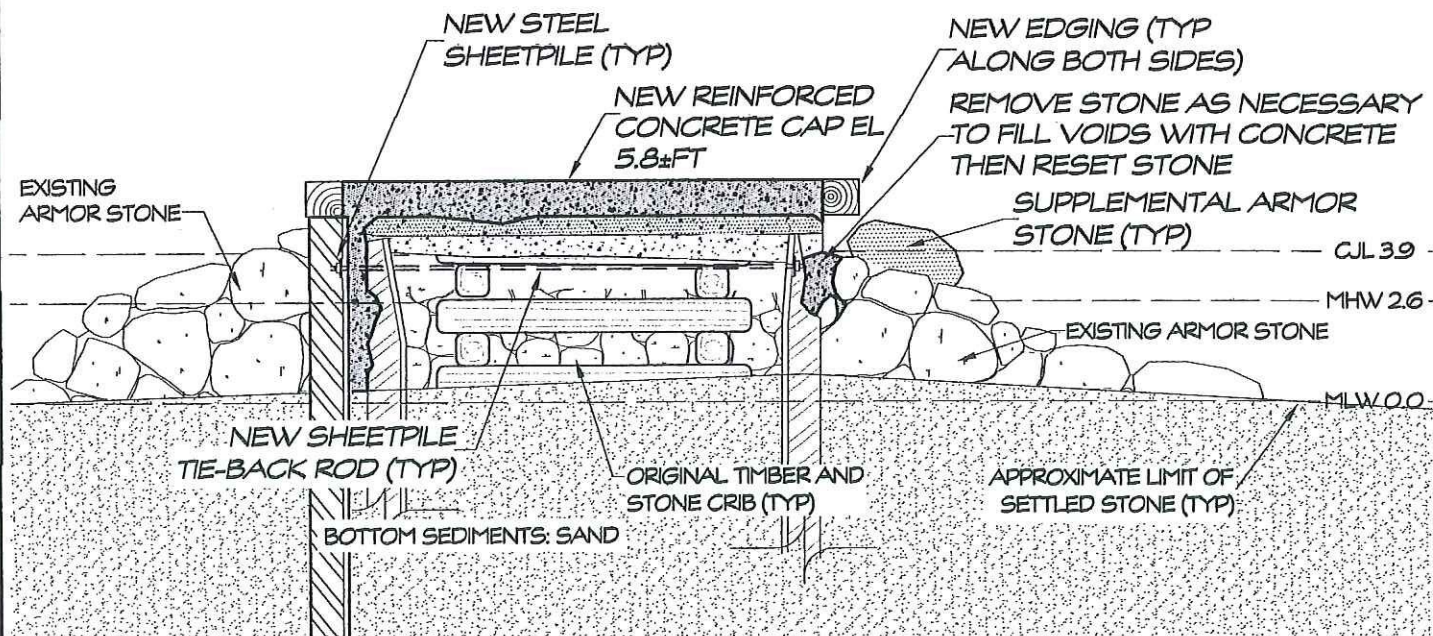
Keith B. Nelson, PE
Mystic, CT 06355
860 572 8939 FAX 860 572 7569
EMAIL: office@docko.com



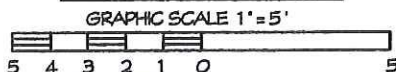
DWG 12-34-5678.??



EXISTING GROIN SECTION E-E



GROIN RESTORATION SECTION E-E



REVISED 8-21-19 DEEP
NEW SECTION

PROJECT: GROIN RESTORATION

LOCATION: BLACK POINT - TOWN of EAST LYME
NEW LONDON COUNTY, CONNECTICUT

WATERWAY: NANTIC BAY

DATE: JUNE 27, 2019

APPLICANT: BLACK POINT BEACH CLUB
ASSOCIATION, INC

AGENT: SHEET 9 OF 9

DOCKO, INC.

Keith B. Nelson, PE

Mystic, CT 06355

860 572 8939 FAX 860 572 7569

EMAIL: office@docko.com



DWG 19-08-3010



Land Record Filing*

To: Town of East Lyme Clerk

Signature and

Date:

M.P. Hyatt 9/17/19

Subject: "Steel Pier" located off of East Shore Drive between Cahill Road and Indianola Road, Niantic
License #201908317-COP

Pursuant to Section 22a-363g of the Connecticut General Statutes, the Commissioner of Energy and Environmental Protection gives notice that a license has been issued to Black Point Beach Club Association, Inc., c/o Steve Beauchene, P.O. Box 715, Niantic, Ct 06357 to:

1. install stakes, rods or buoys with high visibility tape or flagging around the limits of the eelgrass beds located immediately north and east of the existing groin;
2. place temporary matting for land-based equipment to cross the beach;
3. using land-based equipment, conduct repairs to an existing concrete-capped groin commonly known as the "Steel Pier" consisting of:
 - a. install approximately 205 linear feet of new steel sheetpile bulkhead along the northern side of the groin immediately waterward of the existing deteriorated steel bulkhead;
 - b. remove portions of the existing concrete cap;
 - c. pump flowable grout or concrete and crushed stone within the footprint of the existing groin;
 - d. construct a new 11" thick reinforced concrete cap with a top elevation varying from +5.3' MLW to +5.8' MLW;
 - e. place approximately 25 cubic yards of new armor stone over an approximately 250 square foot area on the southern side of the groin;
4. remove the temporary matting, stakes, rods or buoys identified above; and
5. restore the beach profile to pre-existing grades and elevations.

If you have any questions pertaining to this matter, please contact the Land & Water Resources Division at 860-424-3019.

Return to:

Land & Water Resources Division
State of Connecticut
Department of Energy & Environmental Protection
79 Elm Street
Hartford, CT 06106-5127

*The Licensee shall file the Land Record Filing on the land records of the municipality in which the subject property is located not later than thirty (30) days after license issuance pursuant to Connecticut General Statutes (CGS) Section 22a-363g. A copy of the Notice with a stamp or other such proof of filing with the municipality shall be submitted to the Commissioner no later than sixty (60) days after license issuance.



Connecticut Department of

**ENERGY &
ENVIRONMENTAL
PROTECTION**

**Bureau of Water Protection & Land Reuse
Land & Water Resources Division**

79 Elm Street • Hartford, CT 06106-5127

www.ct.gov/deep

Affirmative Action/Equal Opportunity Employer

Work Commencement Form

To: Regulatory Section
Department of Energy and Environmental Protection
Land & Water Resources Division
79 Elm Street
Hartford, CT 06106-5127

Licensee Name: _____

Licensee Address: _____

License No(s): 201908317-COP

CONTRACTOR(s):

1 Name: _____
Address: _____
Telephone: _____
E-mail: _____

2 Name: _____
Address: _____
Telephone: _____
E-mail: _____

3 Name: _____
Address: _____
Telephone: _____
E-mail: _____

Date Contractor(s) received a copy
of the license and approved plans: _____

EXPECTED DATE OF COMMENCEMENT OF WORK: _____

EXPECTED DATE OF COMPLETION OF WORK: _____

LICENSEE: _____
(Signature) (Date)

Compliance Certification Form

The following certification must be signed by the licensee working in consultation with a Connecticut-licensed design professional and must be submitted to the address indicated at the end of this form within ninety (90) days of completion of the authorized work.

1. Licensee Name: _____ License Number(s): <u>201908317-COP</u> Site Address: _____	
2. Check one: (a) <input type="checkbox"/> "I certify that the final site conditions and / or structures are in general conformance with the approved site plans". Identify and describe any deviations and attach to this form. (b) <input type="checkbox"/> "The final site conditions and / or structures are not in general conformance with the approved site plans. The enclosed "as-built" plans note the modifications".	
3. "I understand that any false statement in this certification is punishable as a criminal offence under section 53a-157b of the General Statutes and under any other applicable law."	
_____ Signature of Licensee	_____ Date
_____ Name of Licensee (print or type)	
_____ Signature of CT-Licensed Design Professional	_____ Date
_____ Name of CT-Licensed Design Professional (print or type)	
_____ Professional License Number (if applicable)	Affix Stamp Here <div style="border: 1px solid black; width: 150px; height: 100px; margin-top: 10px;"></div>
<ul style="list-style-type: none"> As-built plans shall include: elevations or tidal datums, as applicable, and structures, including any proposed elevation views and cross sections included in the approved license plans. Such as-built plans shall be the original ones and be signed and sealed by an engineer, surveyor or architect, as applicable, who is licensed in the State of Connecticut. The Licensee will be notified by staff of the Land and Water Resources Division (LWRD) if further compliance review is necessary. Lack of response by LWRD staff does not imply compliance. 	
Submit this completed form to : Regulatory Section Department of Energy and Environmental Protection Land & Water Resources Division 79 Elm Street Hartford, CT 06106-5127	