PUBLIC NOTICE

File Number: 2021-02-053                     Date: June 14, 2022

This office has under consideration the application of:

Plum Beach Club
P.O. Box 107
Saunderstown, RI 02874

for a State of Rhode Island Assent to construct and maintain: Modify existing recreational boating facility (CRMC Assent 2021-02-053) to provide for more stable floats. The floats usage will remain as “touch and go” use and provide access for small crafts such as kayaks, sail and paddle boards.

Work consists of relocating piles and raising pier 10” (to provide for 4’ of clearance at high tide). Replace the two seaward floats at the end of the facility (each 8’ x 16’) with two new floats each 9’ x 17’. On the north side of pier, replace two 4.5’ x 16’ floats with two floats - one will be 4.5’ x 12’ and the other 4.5’ x 16’. Total increase of floatage is 32 sf (i.e. total permitted = 400 sf, total proposed 432 sf). The facility as proposed will be within 45 feet of the town mooring field and 65 feet seaward of Mean Low Water (MLW). Existing permitted facility is 50 feet from mooring field and 60 feet seaward of MLW.

The project requires variance from Redbook 650-RICR-20-00-01 § 1.3.1(D)(11)(L)(1) since facility will now extend 65 feet beyond mean low water (standard is 50 feet beyond MLW). Also a variance to § 1.3.1(D)(11)(m), which requires the facility to be located 50 feet from a mooring field, the proposed location will be located 45 feet from mooring field. The application requires a Special Exception (Ref 1.1.8) to expand a recreational boating facility in RICMRP designated “Type 2” waters based on, Section 1.1.5.A, Table 1 (Type 2 Waters Matrix). As any new “recreational” structure is prohibited in Type 2 waters.

<table>
<thead>
<tr>
<th>Project Location:</th>
<th>255 Plum Beach Road</th>
</tr>
</thead>
<tbody>
<tr>
<td>City/Town:</td>
<td>North Kingstown</td>
</tr>
<tr>
<td>Plat/Lot:</td>
<td>41 / 69</td>
</tr>
<tr>
<td>Waterway:</td>
<td>Narragansett Bay (West Passage)</td>
</tr>
</tbody>
</table>

Plans of the proposed work can be requested at C Staff1@crmc.ri.gov.

In accordance with the Administrative Procedures Act (Chapter 42-35 of the Rhode Island General Laws) you may request a hearing on this matter.

You are advised that if you have good reason to enter protests against the proposed work it is your privilege to do so. It is expected that objectors will review the application and plans thoroughly, visit site of proposed work if necessary, to familiarize themselves with the conditions and cite what law or laws, if any, would in their opinion be violated by the work proposed.
If you desire to protest, you must attend the scheduled hearing and give sworn testimony. A notice of the time and place of such hearing will be furnished you as soon as possible after receipt of your request for hearing. If you desire to request a hearing, to receive consideration, it should be in writing (with your correct mailing address, e-mail address and valid contact number) and be received at this office on or before **July 14, 2022**.

Please email your comments/hearing requests to: cstaff1@crmc.ri.gov; or mail via USPS to: Coastal Resources Management Council; O. S. Government Center, 4808 Tower Hill Road, Rm 116; Wakefield, RI 02879.
INDEX TO SHEETS:
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SHEET 2: EXISTING CONDITIONS
SHEET 3: PROPOSED PLAN VIEW
SHEET 4: PROPOSED PLAN & PROFILE
SHEET 5: TYPICAL SECTION & FRAMING
SHEET 6: DETAILS FLOAT
SHEET 7: DEMOLITION PLAN
SHEET 8: AERIAL PHOTO WITH PROPOSED IMPROVEMENTS

FLOOD PLANE ZONE VE17 NAVD
= 19.14 MLW REF TRANSECT 54
FLOOD INSURANCE STUDY
TOWN OF NORTH KINGSTOWN

PROPOSED IMPROVEMENTS TO:
PLUM BEACH CLUB
AP 41, LOT 69
255 PLUM BEACH ROAD
NORTH KINGSTOWN, RI 02874
BY: WARREN HALL, CIVIL ENGINEER
MARCH 29, 2022 SHEET 1 OF 8

OWNER & APPLICANT:
PLUM BEACH CLUB
255 PLUM BEACH ROAD
NORTH KINGSTOWN, RI 02879
AP 41, LOT 69

ENGINEER:
WARREN HALL, CIVIL ENGINEER
63 ELMWOOD AVE
MIDDLETOWN, RI 02842
WARRENHALL@COX.NET
401-849-5905

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[Signature]
EXISTING PIER TO BE RE CONSTRUCTED IN ACCORDANCE WITH ASSENT 2021-02-055 AND MODIFIED AS SHOWN

DINGHY FLOATS: REPLACE 4.5'x32' WITH 4.5'x28'

REPLACE 2 @ 8'x16' WITH 2 @ 9'x17' MOVE PILES 5' SEAWARD

PROPOSED IMPROVEMENTS

PLAN VIEW 1"=50'

PROVIDE BLOCKS TO KEEP FLOAT FROM RESTING ON BOTTOM

EXISTING FLOAT AREA = 336 SF
PROPOSED FLOAT AREA = 589 SF

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PLUM BEACH CLUB
255 PLUM BEACH RD
NORTH KINGSTOWN, RI
AP 41, LOT 69
BY: WARREN HALL, CIVIL ENGINEER
MARCH 29, 2022 SHEET 3 OF 8

A) 4'x104' FIXED PIER
B) 22' RAMP
C) REPLACE 2 @ 4.5'x16' WITH 1 @ 4.5'x16 & 1 @ 4.5'x12
D) REPLACE EX 2@ 8'x16' WITH 2@ 9'x17' FLOATS
FLOAT PILES TO BE GREENHEART
BEGIN PIER
SAME LOCATION
AND DIRECTION
N: 162079.9
E: 350890.5

RELOCATE PILE TO
PROVIDE MIN 6" WATER
DEPTH AT LOW TIDE
UNDER FLOAT, PROVIDE 6x6 BLOCK
N: 162049.6
E: 351045.6

N: 162040.8
E: 351043.7

RAMP
77°25'09"E

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AREA OF PILES BELOW
HTL = 15 x 785 = 12 SF

DECK EL = 8.5

PLAN VIEW
1" = 20'

FLOAT PILE
TOP ELEV = 19.2

PROFILE VIEW
1" = 20'

6x6 BLOCK

PROPOSED IMPROVEMENTS
PLUM BEACH CLUB
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NORTH KINGSTOWN, RI
AP 41, LOT 69
BY: WARREN HALL, CIVIL ENGINEER
MARCH 29, 2022
SHEET 4 OF 8

SCALE 1" = 20'

4' x 104' FIXED PIER
22' RAMP
REPLACE 2 @ 4.5 x 16
WITH 1 @ 4 x 16 & 1 @ 4 x 12
REPLACE EX 2@ 8' x 16'
WITH 2@ 9' x 17' FLOATS
FLOAT PILES
TO BE GREENHEART

NEW DECK .8' HIGHER
DEPTH @ MLW
HARD PACKED SANDY BOTTOM
DEPTH @ MLW

HTL 5.0
MHW 3.5
MLW 0.0

40 0 20 40 60

20 0 20 40 60
PILE DRIVING NOTE:

A "soft start" is required to allow animals an opportunity to leave the project vicinity before sound pressure levels increase. In addition to using a soft start at the beginning of the work day for pile driving, one must also be used at any time following cessation of pile driving for a period of 30 minutes or longer. For impact pile driving, pile driving will commence with an initial set of three strikes by the hammer at 40% energy, followed by a one minute wait period, then two subsequent 3-strike sets at 40% with one minute waiting periods, before initiating continuous impact driving.

1. 10' TIP 12-3-10CCA TREATED WOOD PILES TREAT TO 2.5 PDF (1.0 ALLOWED WITH OWNER CONSENT) GREENHEART AT FLOAT
2. 2x6 DECKING ACQ TREATED TO .6 PDF FASTEN TO STRINGERS WITH 3 @ 3-1/2" NO. 10 316 STAINLESS STEEL SCREWS
3. 3x12 STRINGER, ACQ TREATED THRU BOLT AT PILE FASTEN MIDDLE STRINGER WITH SIMPSON H-1 HURRICANE ANCHOR
4. 2-3x12 CAP BEAM, ACQ TREATED TO .6 PDF
5. 3x10 CROSS BRACE, ACQ TREATED TO 2.5 PDF

DECK 8.0
5.5
3.5
3.0
1.0
0.00

TYPICAL SECTION 1/8"=1'-0"

4' 3x12 SCAB THRU BOLT WITH 5 @ 1" HDG 3x12

1/3 SPAN 15' TYPICAL

PLAN VIEW TYPICAL FRAMING

GENERAL NOTES:
1) ALL BOLTS, CONNECTORS, WASHERS, NAILS, ECT. SHALL BE HOT DIPPED GALVANIZED
2) CONTRACTOR SHALL ADHERE TO ALL OSHA RULES AND REGULATIONS THROUGHOUT ALL PHASES OF CONSTRUCTION
3) CONTRACTOR SHALL BE AWARE THAT THE STRATA INTO WHICH THESE PILES ARE TO BE DRIVEN MAY REQUIRE DRILLING TO ENSURE A MINIMUM 10' PENETRATION BELOW EXISTING GRADE

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MARCH 29, 2022 SHEET 5 OF 8

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COASTAL RESOURCES MANAGEMENT COUNCIL

WARREN HALL
REGISTERED PROFESSIONAL ENGINEER
2x8 DECKING ACQ TREATED TO .6 PCF FASTEN TO STRINGERS WITH 3 @ 3-1/2"
NO. 10 316 STAINLESS STEEL SCREWS

ROTO MOLD 12x24x48 POLY ENCAPSULATED FLOAT 433# CAPACITY, 14 REQ'D

3" END CLEARANCE
CORNER PLATE HDG 8"x8"x3/8"x10" THRU BOLT WITH 2 @ 1"

PLAN VIEW 1/8"=1'-0"

MHW 3.5
MLW 0.0

PROFILE VIEW 1/8"=1'-0"

ROTO MOLD 12x24x48 POLY ENCAPSULATED FLOAT 433# CAPACITY, 14 REQ'D

SQUARE ROLLER PILE GUIDE

FLOAT DESIGN: USE 14@24x48x12 ROTO MOLD 433# FLOATS
DL=153 SFx10PSF+(14x33)=1992#
LL=153 SFx20PSF=3060#
DL DRAFT=1992/6062=.33' (4")
LL DRAFT=3060/6062=.5' (6")
TOTAL DRAFT= 5052/6062= .83' (10")
400# POINT LOAD=400/866= .46'(5")

BUOYANCANCY:
14X433=6062#

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CONSTRUCTION ACCESS:
1) OVERLAND BY PLUM BEACH ROAD
2) OVER WATER

STONE PATH TO PARKING LOT, STAGING AREA FOR DISPOSAL

BEACH & PATH AREA RESTORE TO ORIGINAL GRADES, CLEAN ALL DEBRIS

R&D 2@ 4.5'x16' FLOATS

R&D 2@ 8'x16' FLOATS

TURBIDITY FENCE

DEMOLITION PLAN

GENERAL NOTES:
1) ALL DEBRIS SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT RULES AND REGULATIONS
2) PILES SHALL BE CUT OFF BELOW MARINE BOTTOM GRADE OR COMPLETELY REMOVED
3) TURBIDITY FENCE SHALL STAY IN PLACE AND BE MAINTAINED BY CONTRACTOR UNTIL EXISTING PIER IS COMPLETELY REMOVED

DEMOLITION PLAN

PLUM BEACH CLUB
255 PLUM BEACH RD
NORTH KINGSTOWN, RI
AP 41, LOT 69

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MARCH 29, 2022 SHEET 7 OF 8