PUBLIC NOTICE

File Number: 2018-12-022   Date: 28 December 2018

This office has under consideration the application of:

Douglas & Kathryn O'Brien
7941 Katy Freeway
Box 547
Houston, TX   77024

for a State of Rhode Island Assent to construct and maintain: two (2) boat lifts (1200lb and 25K lb) onto an existing residential boating facility and to reconfigure an existing ramp and float further north. Three (3) new tie-off pilings are also proposed ~2' further seaward, which will increase the total facility length to ~175' seaward of the cited MLW mark. The pilings require an additional 2' length variance from RICRMP Section 1.3.1(D) standards.

Project Location:	461 Poppasquash Road
City/Town:	Bristol
Plat/Lot:	173 / 47
Waterway:	Bristol Harbor

Plans of the proposed work may be seen at the CRMC office in Wakefield.

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 ____February 2, 2019_____.

O'BRIEN DOCK RECONFIGUATION ASSENT

POPPASQUSH ROAD
BRISTOL, RHODE ISLAND
DECEMBER 2018

INDEX SHEET:

SHEET 1   EXISTING CONDITIONS PLAN
SHEET 2   DOCK ASSENT RECONFIGURATION PLAN
SHEET 3   DOCK FLOAT PROFILE PLAN

OWNER / APPLICANT:
A.P. 173, LOT 47

DOUGLAS & KATHYRN O'BRIEN
461 POPPASQUASH ROAD
BRISTOL, RI 02809

LOCATION MAP

NARRAGANSETT BAY
COLLINSBQUASH
POPPASQUASH
BRISTOL HARBOR

Waterman
ENGINEERING COMPANY
Engineers & Surveyors - Estt. 1894

46 Sutton Avenue
East Providence, RI
Phone (401)-438-5775
Fax (401)-438-5775
www.watermanengineering.net

LEGEND & ABBREVIATIONS

N/F - NOW OR FORMERLY
A.P. - ASSESSORS PLAT
S.F. - SQUARE FEET
AC. - ACRES
+/- - PLUS OR MINUS
W/F - WOOD FRAMED
STY - STORY
SHF - SURVEY PLAT
RET. - RETAINING WALL
PED - PEDESTRIAN
S.H.W. - STATE HIGHWAY
(FND) - FOUND
PK NAIL - P.K. NAIL
TIE - PLANTED END
RCP - REINFORCED CONCRETE PIPE
CLF - CHAIN LINK FENCE
INV. - INVERT
X 18.86 - EXISTING SPOT GRADE
IPIN - IRON PIPE

GRAPHIC SCALE

1 INCH EQUALS 40 FEET
(in feet)

TIDAL INFORMATION TABLE BASED UPON FIELD OBSERVATIONS OF NOAA BM DISK 1552, 1977
"BRISTOL FERRY, RHODE ISLAND" & CONVERTED TO MEAN LOW WATER DATUM

MEAN HIGH WATER (M.H.W.) = 4.07
MEAN LOW WATER (M.L.W.) = 0.00
N.A.V.D. 88 = 2.29

POPPASQUASH ROAD
(PRIVATE - 40' WIDTH)

N01°57'18" W 350.00'

N/F
A.P. 173 LOT 56
TIMOTHY D. MARTIN
VOLUME 1454, PAGE 141

N/F
A.P. 173 LOT 57
ALFRED V. & DEBORAH HELEN ELK
VOLUME 1154, PAGE 261

N/F
A.P. 173 LOT 58
WILLIAM S. & SHARON L. VOLPE
VOLUME 547, PAGE 15

N/F
A.P. 173 LOT 48
PAMELA K. LONEHAN
VOLUME N/A, PAGE 291

EXISTING WOODEN FENCE
EXISTING DRIVEWAY
EXISTING HEDGES
EXISTING GARAGE
EXISTING HOUSE No. 461
EXISTING HOUSE No. 457
SHED
SHED STORAGE AREA
OWTS
EXISTING OWTS FOR LOT "A"
EXISTING GARDEN

BRISTOL HARBOR
(CRMC TYPE 2 - TIDAL WATERS)

MEAN HIGH WATER (M.H.W.)
MEAN LOW WATER (M.L.W.)
FLOAT

CERTIFICATION

THIS SURVEY HAS BEEN CONDUCTED AND THE PLAN HAS BEEN PREPARED PURSUANT TO SECTION 6 OF THE RULES AND REGULATIONS ADOPTED BY THE RHODE ISLAND STATE BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS ON NOVEMBER 25TH AS FOLLOWS:

TYPE OF SURVEY: MEASUREMENT/ACCURACY SPECIFICATIONS

TYPE OF BOUNDARY SURVEY: COMPILATION PLAN

OTHER TYPE OF SURVEY: DATA ACCUMULATION

THE PURPOSE FOR CONDUCTING THIS SURVEY AND FOR THE PREPARATION OF THE PLAN IS AS FOLLOWS:

EXISTING CONDITIONS & PARTIAL TOPOGRAPHIC SURVEY PLAN FOR THE FUTURE DEVELOPMENT OF THE SUBJECT PARCEL.

** SIGNATURES MUST BE IN BLUE INK TO CONSTITUTE AN ORIGINAL PLAN

RICHARD E. LIPSITZ, P.L.S.
WATERMAN ENGINEERING COMPANY, (CRA No. LS00040)

REG. NO. 1827
DATE 12-5-18

NOTES / REFERENCES

1. REFERENCE IS MADE TO THE FOLLOWING MAPS AND PLANS OF RECORD:
   A.) PLAN ENTITLED "SITE PLAN FOR DOUGLAS E. O'BRIEN AT POPPASQUASH ROAD, BRISTOL, R.I. JOB #L1N009, SCALE 1" = 40', DATED 7/30/18, PREPARED BY WATERMAN ENGINEERING INC.
   B.) PLAN OF SUBDIVISION OF PROPERTY ON POPPASQUASH NECK IN BRISTOL, R.I. SCALE 1 INCH = 100 FEET

2. REFERENCE IS MADE TO THE FOLLOWING TOWN OF BRISTOL LAND EVIDENCE RECORDS REGARDING RECORDED TITLE TO THE PREMISES SURVEYED.

3. A.P. 173, LOT 47 - DOUGLAS & KATHRYN O'BRIEN - VOLUME 1827, PAGE 95

4. THESE PREMISES ARE SITUATED IN MAP & LOT 50.

RESIDENTIAL REQUIREMENTS:
MIN. LOT AREA .... 80,000 SQ.FT.
MIN. FRONTAGE/WIDTH ... 175 FT.
MIN. SIDE FRONT YARD .. 40 FT.
MIN. SIDE REAR YARD ... 40 FT.
MIN. SIDE SIDE YARD ... 25 FT.
MAX. STRUCTURE HEIGHT . 35 FT.
MAX. LOT COVERAGE 25%

LOCUS

NARRAGANSETT BAY
POPPASQUASH
BRISTOL HARBOR

EXISTING CONDITIONS PLAN

DOUGLAS & KATHRYN O'BRIEN
461 POPPASQUASH ROAD
BRISTOL, RHODE ISLAND

Waterman ENGINEERING

BRISTOL HARBOR
(CRMC TYPE 2 - TIDAL WATERS)

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WF	WOOD FRAMED
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PED	PEDESTRIAN
FND	FOUND
R/R	RI HIGHWAY BOARD
PN MNL	MASONRY NAIL
TIE	FLARED END
REF	REFERENCE
CLF	CHAIN LINK FENCE
INV	INVERT

NOTES / REFERENCES

1. SEE SHEET 1 FOR EXISTING NOTES & REFERENCES.

2. NEW PILE NOTES. SEE FOR DOCK FLOAT DETAIL FOR ANY ADDITIONAL FLOAT PILE NOTES.

3. OTHERS WILL BRING NEW ELECTRICAL & WATER SERVICES TO THE DOCK. DOCK BUILDER TO EXTEND NEW ELECTRIC & WATER SERVICES TO DOCK.

LOCUS

NARRAGANSETT BAY

BRISTOL HARBOR

GRAPHIC SCALE

1 INCH EQUALS 10 FEET

DOCK ASSENT RECONFIGURATION PLAN
A.P. 173, LOT 7
POPPASQUASH ROAD
BRISTOL, RHODE ISLAND

DOUGLAS & KATHRYN O'BRIEN
461 POPPASQUASH ROAD
BRISTOL, RHODE ISLAND 02809

Waterman
ENGINEERING COMPANY

C-1

DOCK PROFILE

SCALE: 1" = 1'

ELEVATIONS BASED ON MEAN LOW WATER (MLW)

MEAN HIGH WATER (M.H.W.) = 4.1

MEAN LOW WATER (MLW) = 0.0

STA. 20 + 00
STA. 20 + 20
STA. 20 + 40
STA. 20 + 60
STA. 20 + 80

TOP OF FLOAT PILE EL. 13.35' (H/F @ MHO 88')
(FLOOD ZONE "VE" (11' 24') + 1' FLOAT FREEBOARD + 1' = 21.35' @ MLW)
(FLOOD ZONE "VE" (11' @ MHO 88') + 1' FLOAT FREEBOARD + 1' = 13' @ MHO 88')

14' DIA. TRIM DS
CLASS A FLOAT PILE (TYP.)

TOP OF FLOAT (TYP.)

10' x 2' FLOAT (MIN. FREEBOARD 12")

28.17"

RECOATED EXISTING PILE

CAROLINA WATER WORKS
1' x 19' COMMERCIAL GANGWAY RAMP OR EQUAL. SEE MANUFACTURERS RECOMMENDATION FOR HINGE CONNECTION

EXISTING FIXED PIER PILES

EXISTING FIXED PIER DOCK

MLW @ 10.4'

MLW @ 9.3'

15' MIN. PILING PENETRATION (TYP.) UNLESS ROCK IS ENCOUNTERED. IF ROCK IS ENCOUNTERED THE PILE MUST BE EMBEDDED 5' MIN. INTO ROCK

MIN. 10" PILE TIP DIA. (TYP.)

EXISTING GRADE

ELEVATIONS BASED ON MEAN LOW WATER (MLW)

MEAN HIGH WATER (M.H.W.) = 4.1

MEAN LOW WATER (MLW) = 0.0

DOCK FLOAT PROFILE PLAN
A.P. 175, LOT 47
POPPASQUASH ROAD
BRISTOL, RHODE ISLAND

DOUGLAS & KATHRYN O'BRIEN
461 POPPASQUASH ROAD
BRISTOL, RHODE ISLAND 02809