

THE COASTAL FEATURE FLAGGED BY ECOTONES, INC. IN JUNE 2020. WETLAND FLAGGING WAS FIELD LOCATED BY FRISELLA-BALCH & ASSOCIATES.

ALLOW CLEARED AREAS WITHIN BUFFER ZONE TO REVEGETATE

PROPOSED PERMANENT MARKERS TO BE SET AT BUFFER LINE MAX 20' O.C. EXTEND 2' ABOVE GRADE

BENCHMARK Galvanized spike Elevation = 7.92 MLW

APPROXIMATE LOCATION OF EXISTING 4" 20' COVER PER OWNER

APPROXIMATE LOCATION OF EXISTING 6" WIDE PATH PER OWNER

15' Wide Easement for the benefit of Lot 3 of Tax Map 81-3.

**GENERAL:**

THE CONTRACTOR IS REQUIRED TO MAINTAIN THE CONSTRUCTION AREA IN A SAFE MANNER AND ALL CONSTRUCTION ACTIVITY ON THE SITE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

FRISELLA-BALCH & ASSOCIATES PERFORMED SOUNDINGS AND TOPOGRAPHIC SURVEY IN JUNE 2020.

**UTILITIES:**

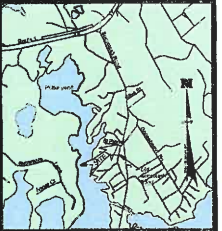
THE LOCATION OF EXISTING UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE ONLY AND HAVE BEEN SHOWN USING THE AVAILABLE DATA.

THE CONTRACTOR SHALL CONTACT "DIG-SAFE" AND/OR OTHER APPROPRIATE UTILITY COMPANIES TO ASCERTAIN THE EXACT LOCATION OF THE RESPECTIVE UTILITY PRIOR TO CONSTRUCTION.

UTILITIES INCLUDE BUT ARE NOT LIMITED TO GAS, ELECTRIC, WATER, TELEPHONE, CABLE, MUNICIPAL SEWER, ETC.

**WATER DEPTH BELOW DOCK**

SEAWARD	
HIGH TIDE	2.9' ± SEAWARD
LOW TIDE	1.7' ± SEAWARD



**LOCATION PLAN**  
SCALE 1" = 2000



**SITE INFORMATION**

LOT: 3  
 AREA: 103,780 SF  
 ROAD FRONTAGE: 192'  
 ZONING DISTRICT: R-80

**REQUIRED SETBACKS**  
 FRONT: 50 FEET  
 REAR: 50 FEET  
 SIDE: 40 FEET  
 BUILDING COVERAGE: 20 %  
 BUILDING HEIGHT: 35 FEET

SCALE 1" = 30'

<b>FRISELLA-BALCH &amp; ASSOCIATES</b> LAND SURVEYING 33 NORTH ROAD, SUITE C-201, FRANK DALE, RI PHONE (401) 783-8848 info@fba.com	<b>CJ DOYLE, P.E.</b> CIVIL ENGINEERING MAILING ADDRESS P.O. BOX 1181, HOPE VALLEY, RI OFFICE LOCATION 115 HOUSTON ST., FRANK DALE, RI PHONE (401) 481-6830 cdoyle@ci.net
---	---

DESIGN BY C.J. DOYLE, P.E.  
OFFICE TELEPHONE: 401-491-9530

**CONSTRUCTION NOTES:**

UNLESS OTHERWISE NOTED, NO OPERATION OF HEAVY EQUIPMENT SHALL OCCUR ON THE COASTAL FEATURE, IN COASTAL WATERS, OR IN ANY AREAS DESIGNATED AS COASTAL BUFFER ZONE IN ACCORDANCE WITH CIVIC SECTION 150-1 (FORMERLY SECTION 150).

THERE SHALL BE NO STOCKPILING OR DISPOSAL OF SOILS, CONSTRUCTION MATERIALS, DEBRIS, ETC. ON THE COASTAL FEATURE, WITHIN 200' OF THE INLAND EDGE OF THE COASTAL FEATURE, IN COASTAL WATERS OR IN ANY AREAS DESIGNATED AS GRASS SETBACK OR COASTAL BUFFER ZONE. ALL EXCESS EXCAVATED MATERIALS, EXCESS SOILS, EXCESS CONSTRUCTION MATERIALS, AND DEBRIS SHALL BE REMOVED FROM THE SITE. NO MATERIALS SHALL BE DEPOSITED ON THE COASTAL FEATURE, WITHIN 200 FEET OF THE INLAND EDGE OF THE COASTAL FEATURE, IN COASTAL WATERS, OR IN ANY AREAS DESIGNATED AS A GRASS SETBACK OR COASTAL BUFFER ZONE.

ALL CONSTRUCTION SHALL MEET ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.

**CERTIFICATION:**

This survey has been conducted on June 25, 2020 and February 23, 2017 and the plan has been prepared pursuant to 25-48-20-20(a), 2007 R.I. RULES AND REGULATIONS ADOPTED BY THE RHODE ISLAND STATE BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS on November 25, 2016, as follows:

**Title of Boundary Survey:**  
 Civil Type of Survey: Data Acquisition Survey (Not a Boundary Survey)  
 Date of Survey: 06/25/2020  
 Date of Plan: 02/23/2017  
 Note: This plan is not to be used for any purpose other than that for which it was prepared. It is not to be used for any purpose other than that for which it was prepared. It is not to be used for any purpose other than that for which it was prepared.

**VERTICAL DATUM CONVERSION**

NAVD 88 DATUM	MLW DATUM
MI-W + 1.1'	+ 1.2' MLW
NAVD 88 EL. 0.0'	EL. 0.1' NAVD 88
MLW -0.1'	EL. 0' MLW

**LEGEND**

- PROPERTY LINE
- UTILITY POLE
- PROPOSED SETBACK
- PROPOSED SPOT SHADE
- EXISTING CONTOUR
- TEST PILE
- UTILITY (20' O.C.) LINE OF DISTURBANCE
- EXISTING WATER LINE
- WELL
- WATER SHUTOFF
- WATER VALVE
- EXISTING EROSION OF DRAIN

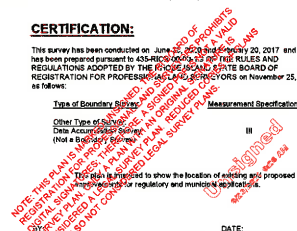
**FEMA DESIGNATIONS:**  
 The subject property depicted herein appears within zones (X) and AE having a base flood elevation 1' of FEMA Flood Insurance Rate Map 440600C1194, dated October 15, 2015.

NO.	DATE	REVISION PER CIVIC COMMENTS	C.D.
1	9/23/2021		

**PROPOSED RESIDENTIAL BOATING FACILITY**

LOCATION: LOT 3: OF ASSESSORS MAP: 81-3  
 OWNER: JASON E. AND RUTH C. MEEKS  
 91 OLD SUCCOTASH ROAD  
 IN THE TOWN OF SOUTH KINGSTOWN, RI  
 DATE: JANUARY 25, 2021  
 SCALE: 1" = 30'  
 DRAWN BY: CJD  
 CHECKED BY: IB, C.D., JKB  
 DESIGNED BY: IB, C.D., JKB  
 DRAWING NO.: 1 OF 2

<b>JEFFREY K. BALCH</b> No. 1539 PROFESSIONAL LAND SURVEYOR	<b>CAROLYN K. DOYLE</b> No. 5078 REGISTERED PROFESSIONAL ENGINEER
FOR SURVEYS ONLY	FOR ENGINEERING



JEFFREY K. BALCH, RI PROFESSIONAL LAND SURVEYOR #1839  
 CERTIFICATE OF AUTHORIZATION #A035.  
 DATE:

C:\Users\jbalch\OneDrive\Desktop\81-3\81-3-2021\81-3-2021.dwg

**DESIGN STANDARDS:**

- RESIDENTIAL DOCK DESIGN IN ACCORDANCE WITH TABLE 3 - MINIMUM DESIGN CRITERIA BOONAP SECTION 2004. FIXED STRUCTURES INCLUDING STAIRWAYS ARE CAPABLE OF SUPPORTING 40 PSF LIVE LOAD + 10 PSF DEAD LOAD.
- FLOATING STRUCTURE CAPABLE OF SUPPORTING A UNIFORM LIVE LOAD OF 20 PSF OR A CONCENTRATED LOAD OF 400 LBS.

**VESSEL INFORMATION:**

- OWNER WILL PURCHASE A BOAT OF UNSPECIFIED SIZE AND TYPE. NO MARINE TOILETS ANTICIPATED ON THE VESSEL. NO COMPROCAL FIBRING VESSELS SHALL UNLOAD ON DOCK.

**WINTER SEASON STORAGE:**

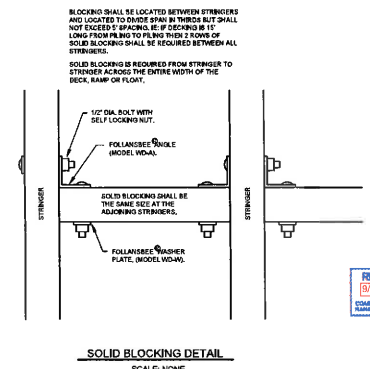
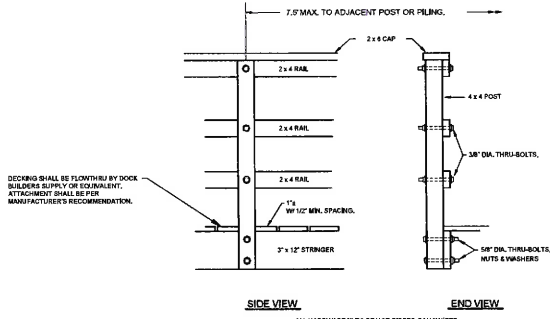
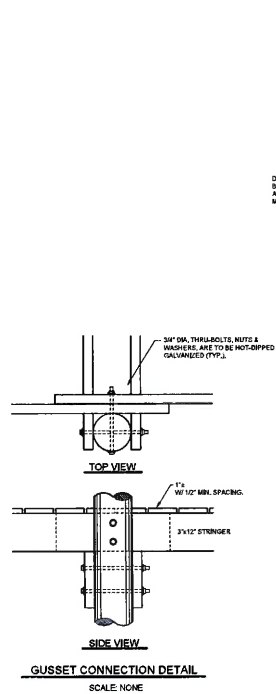
- DURING WINTER SEASON STORAGE, THE FLOAT SECTION MAY BE REMOVED FROM THE WATER OR RAISED ABOVE THE WATER SURFACE WITH A PULLY SYSTEM AND LEFT IN-PLACE. THE FLOAT AND BOAT WILL BE STORED IN A UPLAND LOCATION ON THE SUBJECT LOT AND OUTSIDE DRMG BUFFER OR SETBACK AREAS.

**SAV:**

ECOTONES, INC. COMPLETED A SUBMERGED AQUATIC VEGETATION SURVEY FOR THE SUBJECT PROPERTY ON JULY 18, 2020. ECOTONES ESTABLISHED TRANSECT LINES COVERING 80' OF THE PROPERTY'S WATER FRONTAGE. SURVEY PLOTS WERE ESTABLISHED AT 10 FOOT INTERVALS PERPENDICULAR TO THE SHORELINE ALONG EACH TRANSECT, EXTENDING 150 LINEAR FEET FROM THE SHORELINE (SAV (WODSON GRASS) WAS OBSERVED WITHIN THE STUDY AREA. SEE ECOTONES REPORT.

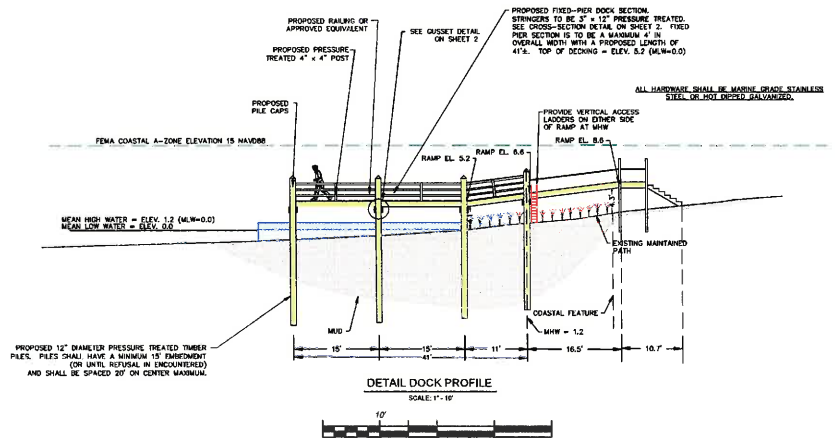
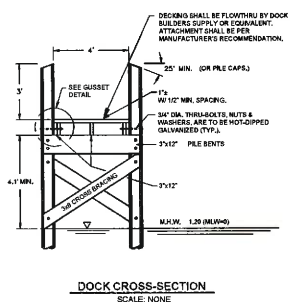
**PROPOSED DOCK COMPONENTS:**

- A PROPOSED 4' WIDE x 41' LONG FIXED-PIER SECTION LENGTH MEASURED ALONG CENTERLINE RAMP/STAIRS TO GRADE OF 27.23.
- B PROPOSED 12" DIA. THIMBER PILE (MINIMUM).



OTHER HARDWARE MAY BE SUBSTITUTED BY KIND OF THE FOLLANSBEE HARDWARE IF MATERIAL AND DESIGN ARE SIMILAR.

NOTE: ALL HARDWARE IS TO BE HOT-DIPPED GALVANIZED, OR STAINLESS STEEL.



**CJ DOYLE, P.E.**  
CIVIL ENGINEERING

MAILING ADDRESS: P.O. BOX 1161, HOPE VALLEY, RI 02832  
OFFICE LOCATION: 1122 MAIN STREET, WYOMING, RI  
PHONE: (401) 424-8500  
cdoyle@cdi.net

NO.	DATE	DESCRIPTION	BY
1	8/22/2021	REVISED PER DRMG COMMENTS	CJD

DRAWN BY: [ ]

**DETAILS FOR PROPOSED RESIDENTIAL BOATING FACILITY**

LOCATED ON: [ ]

LOT 3 PLAT 81-3

OWNER: JASON E. & RUTH C. MEEKS

ADDRESS: 91 OLD SUCCOTASH ROAD  
IN THE CITY OF SOUTH KINGSTOWN, RI

JANUARY 26, 2021  
DRAWN BY: CAROLYN J. DOYLE, P.E.  
SCALE AS NOTED  
OWNER: CJD  
DESIGNER: CJD

SHEET 2 OF 2

CAROLYN J. DOYLE  
5078  
REGISTERED PROFESSIONAL ENGINEER