



State of Rhode Island
Coastal Resources Management Council
 Oliver H. Stedman Government Center
 4808 Tower Hill Road, Suite 3
 Wakefield, RI 02879-1900

(401) 783-3370
 Fax (401) 783-2069

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.

Project Location:	255 Plum Beach Road
City/Town:	North Kingstown
Plat/Lot:	41 / 69
Waterway:	Narragansett Bay (West Passage)

Plans of the proposed work can be requested at Cstaff1@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.

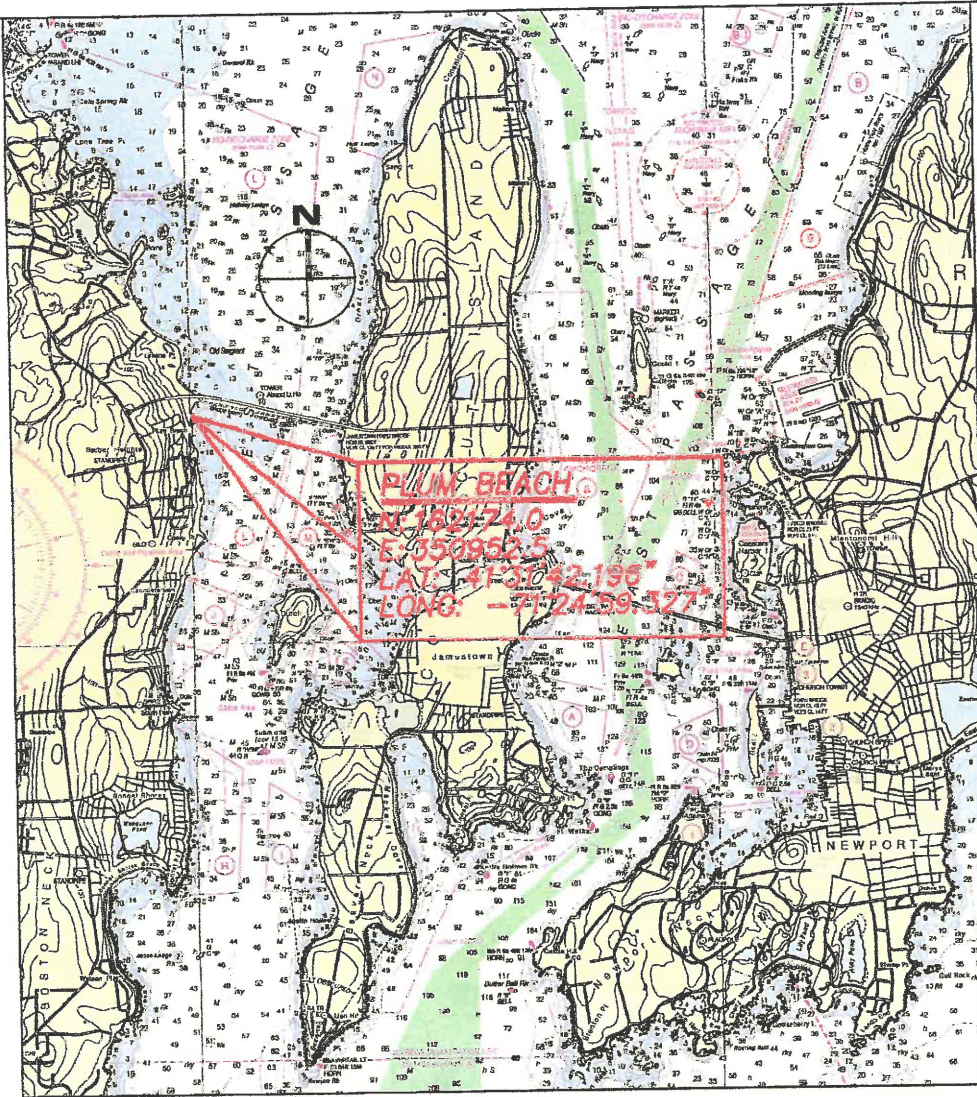
You are advised that if you have good reason to enter protests against the proposed work it is your privilege to do so. It is expected that objectors will review the application and plans thoroughly, visit site of proposed work if necessary, to familiarize themselves with the conditions and cite what law or laws, if any, would in their opinion be violated by the work proposed.

CRMC File No. 2021-02-053 Plum Beach Club
Public Notice
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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.

/lat



LOCUS PLAN
 PORTION OF
 NOAA 13221

INDEX TO SHEETS:

- SHEET 1: LOCUS
- 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

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

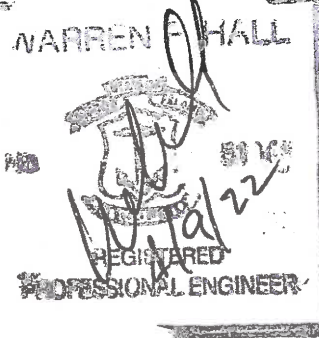
PROPOSED IMPROVEMENTS TO:

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

RECEIVED

 APR 12 2022

 COASTAL RESOURCES
 MANAGEMENT COUNCIL

WARREN HALL

 REGISTERED
 PROFESSIONAL ENGINEER

THIS AREA NOT A PUBLIC
RIGHT OF WAY BY DEDICATION
REFERENCE LAND EVIDENCE
BOOK 376, PAGE 129

BENCHMARK: SET SPIKE
EL=6.13' MLW
N: 162172.1
E: 350953.2

MOORING AREA
CORNER SET
100' OFF MHW

N: 162192.0
E: 351605.0

MOORING AREA 16
N. KINGSTON HMP



BEGIN PIER
N: 162079.9
E: 350890.5

DIRECTION
77°25'09"E

FIXED TIMBER PIER
4'x105'

EXISTING FLOATS
2@ 4.5'x16'
2@ 8'x16'

196' TO
CLOSEST MRG

PLUM
BEACH
CLUB HOUSE

HTL
5.0

MHW
3.5

MLW
0.0

SWIM AREA
BUOY LINE

NARAGANSETT BAY
WEST PASSAGE
CRMC TYPE 2 WATER

FLOOD
EBB

EXISTING CONDITIONS

PLAN VIEW
1"=50'

SPIKE SET:
N: 161927.8
E: 350891.1

N: 161192.0
E: 351005.0

STORM DRAIN



Scale 1" = 50'

EXISTING CONDITIONS

MODIFICATION

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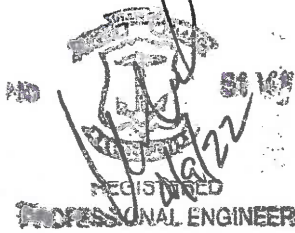
255 PLUM BEACH ROAD
NORTH KINGSTOWN, RI
AP 41, LOT 69

BY: WARREN HALL, CIVIL ENGINEER
MARCH 29, 2022 SHEET 2 OF 8

LEGEND

- HTL HIGH TIDE LINE
- MHW MEAN HIGH WATER
- MLW MEAN LOW WATER
- AL ASSESSORS LINE
- ALE ASSESSORS LINE EXTENSION
- FND FOUND
- x-6.6 SPOT GRADE
- MOORING FIELD

WARREN HALL





BENCHMARK: SET SPIKE
 EL=6.13' MLW
 N: 162172.1
 E: 350953.2

N: 162192.0
 E: 351105.5

MOORING AREA
 CORNER SET
 100' OFF MHW

MOORING AREA 16
 N. KINGSTON HMP

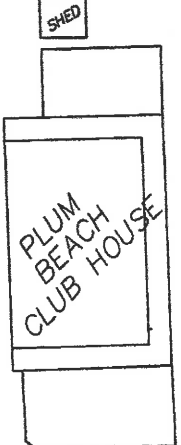
EXISTING PIER TO BE
 RE CONSTRUCTED IN
 ACCORDANCE WITH
 ASSENT 2021-02-053
 AND MODIFIED AS SHOWN

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

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

BEGIN PIER
 SAME LOCATION
 AND DIRECTION
 N: 162079.9
 E: 350890.5

77°25'09"E
 DIRECTION



HTL 5.0
 MHW 3.5

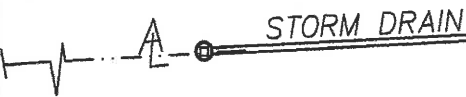
MLW 0.0

PROPOSED IMPROVEMENTS
 PLAN VIEW
 1"=50'

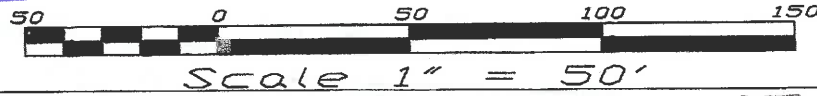
PROVIDE BLOCKS
 TO KEEP FLOAT
 FROM RESTING ON
 BOTTOM

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N: 161192.0
 E: 351105.0



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



PROPOSED IMPROVEMENTS

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 @ 4.5x16
 WITH 1 @ 4.5x16 &
 1 @ 4.5x12
 - (D) REPLACE EX 2@ 8'x16'
 WITH 2@ 9'x17' FLOATS
- FLOAT PILES
 TO BE GREENHEART

WARREN HALL

REGISTERED
 PROFESSIONAL ENGINEER

MOORING AREA 16 TOWN OF NK
 NARAGANSETT BAY
 WEST PASSAGE
 CRMC TYPE 2 WATER

SWIM AREA
 BUOY LINE

SWIM
 FLOAT

BUOY LINE

191' ±
 TO MRG

FLOOD
 EBB

159'

98'

65'

45'

HTL 5.0

MHW 3.5

BEACH

BEACH

(6)

(5)

(2)

(0)

(4)

(3)

(5)

(6)

(A)

(B)

(D)

ALE

ALE

1000'

BEGIN PIER
SAME LOCATION
AND DIRECTION
N: 162079.9
E: 350890.5

RAMP
77°25'09"E

RE LOCATE 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

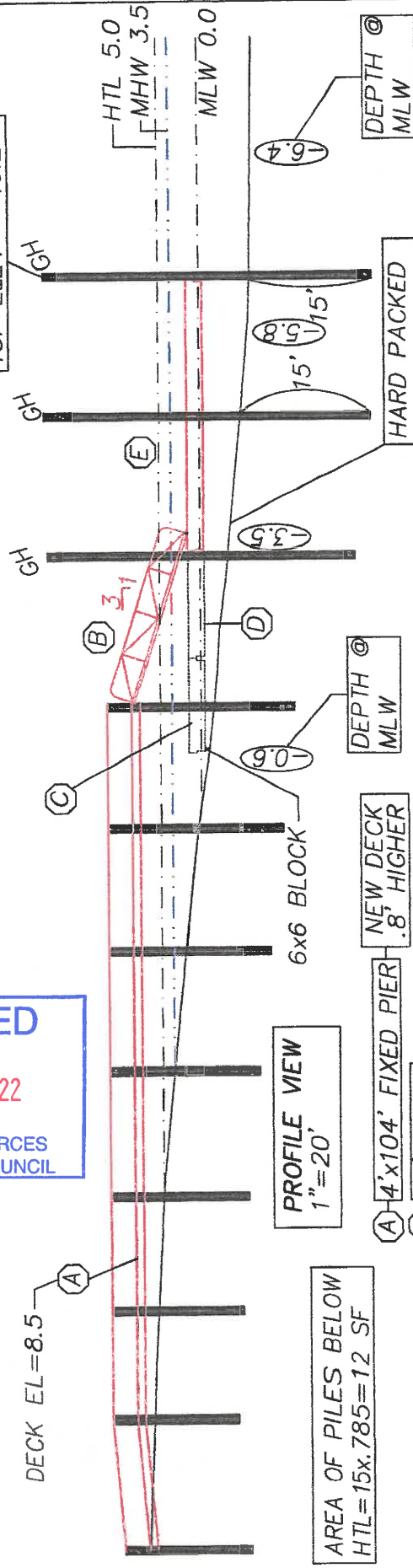


PLAN VIEW
1"=20'

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DECK EL=8.5

FLOAT PILE
TOP ELEV = 19.2



PROFILE VIEW
1"=20'

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

A) 4'x104' FIXED PIER
B) 22' RAMP
C) NEW DECK .8' HIGHER

D) REPLACE 2 @ 4.5x16
WITH 1 @ 4x16 &
1 @ 4x12

E) REPLACE EX 2 @ 8'x16'
WITH 2 @ 9'x17' FLOATS

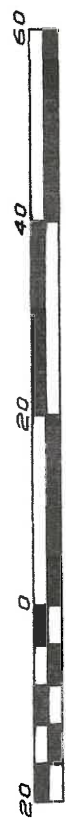
PROVIDE BLOCKS
TO KEEP FLOAT
FROM RESTING ON
BOTTOM

HARD PACKED
SANDY BOTTOM

DEPTH @
MLW

DEPTH @
MLW

FLOAT PILES
TO BE GREENHEART



Scale 1" = 20'

PROPOSED IMPROVEMENTS

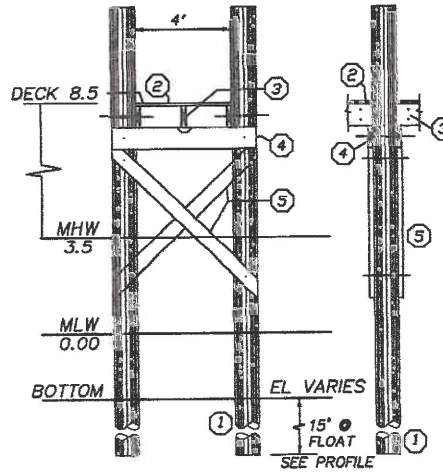
PLUM BEACH CLUB
255 PLUM BEACH RD
NORTH KINGSTOWN, RI
AP 41, LOT 69
BY: WARREN HALL, CIVIL ENGINEER
MARCH 29, 2022, SHEET 4 OF 8



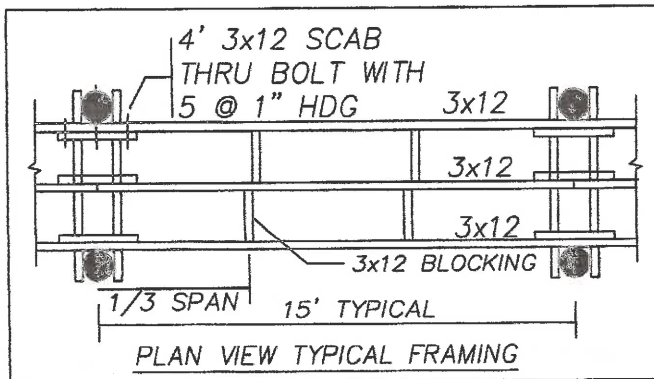
PILE DRIVING NOTE:

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 12-3-10 CCA TREATED WOOD PILES TREAT TO 2.5 PCF (1.0 ALLOWED WITH OWNER CONSENT) GREENHEART AT FLOAT
- ② 2x6 DECKING ACQ TREATED TO .6 PCF 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 PCF
- ⑤ 3x10 CROSS BRACE, ACQ TREATED TO 2.5 PCF



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



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

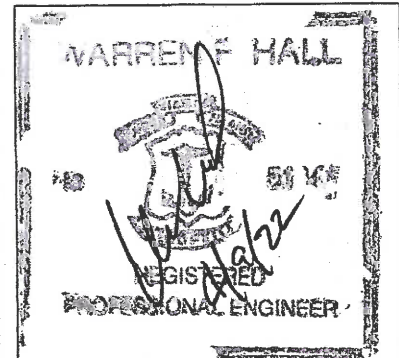
PROPOSED IMPROVEMENTS

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 BY: WARREN HALL, CIVIL ENGINEER
 MARCH 29, 2022 SHEET 5 OF 8

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50 0 50 100 150

Scale 1" = 50'

CONSTRUCTION ACCESS:

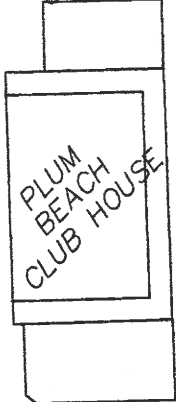
- 1) OVERLAND BY PLUM BEACH ROAD
- 2) OVER WATER

STONE PATH TO PARKING LOT, STAGING AREA FOR DISPOSAL

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

QWTS

SHED



PLUM BEACH CLUB HOUSE

BEACH

BEACH 5

0

1

2

3

4

5

6

R&D 2@ 4.5'x16' FLOATS

TURBIDITY FENCE

R&D 2@ 8'x16' FLOATS



HTL 5.0

MHW 3.5

MLW 0.0

DEMOLITION PLAN

1"=50'

NARAGANSETT BAY
WEST PASSAGE
CRMC TYPE 2 WATER
EBB → FLOOD ←

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

LEGEND

- R&D REMOVE AND DISPOSE
- TURBIDITY FENCE

DEMOLITION PLAN

PLUM BEACH CLUB
 255 PLUM BEACH RD
 NORTH KINGSTOWN, RI
 AP 41, LOT 69
 BY: WARREN HALL, CIVIL ENGINEER
 MARCH 29, 2022 SHEET 7 OF 8



