



State of Rhode Island and Providence Plantations
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: 2019-10-049 Date: December 16, 2019

This office has under consideration the application of:

Peter W. Brennan
28 Cliff Avenue
Portsmouth, RI 02871

for a State of Rhode Island Assent to construct and maintain: a residential boating facility consisting of a 4’x59’ fixed pier to a ramp and 18’x4’ float, extending 75 feet beyond Mean Low Water (MLW). Facility requests Variances to 650RICR 200-00-01.3.1(D)(11)(k) 25 foot property line setback for both property lines, and 1.3.1(D)(11)(l) 50 foot beyond MLW Standard.

Project Location:	28 Cliff Avenue
City/Town:	Portsmouth
Plat/Lot:	9 / 8
Waterway:	Sakonnet River

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

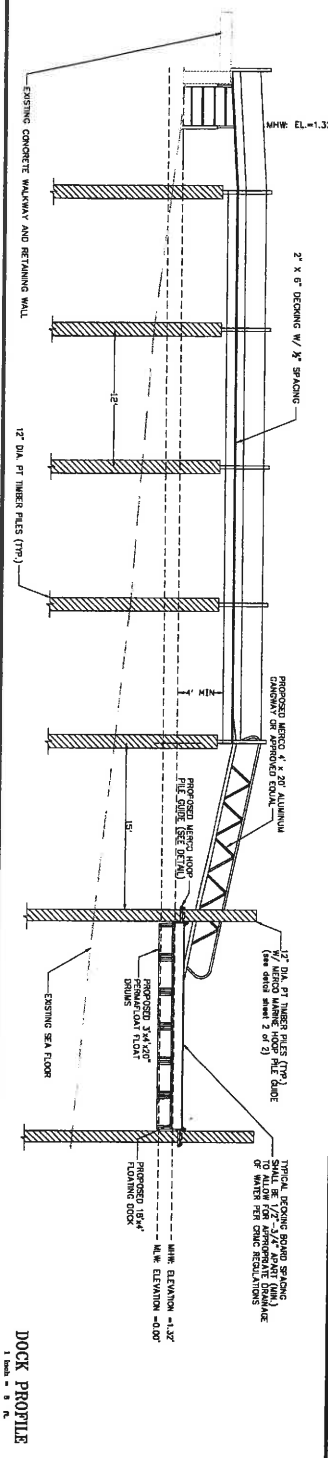
In accordance with the Administrative Procedures Act (Chapter 42-35 of the Rhode Island General Laws) you may request a hearing on this matter.

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 January 16, 2020.

LEGEND

- PROPERTY LINE
- EXISTING CONTOUR
- EDGE OF LAKE / MHW
- PROPOSED DOCK DECKING
- PROPOSED EDGE OF DOCK



SURVEY NOTE:
 EXISTING CONDITIONS AND PROPOSED LINE SURVEY CONDUCTED BY:
 NATIONAL LAND SURVEYORS - DEVELOPERS, INC.
 12 MARKET AVENUE
 WASHINGTON, DC 20005
 401-785-7775

PRINCIPLE COMPANY, INC.
 ENGINEERING DIVISION
 300 NEW YORK AVENUE
 WASHINGTON, DC 20005
 401-785-7775
 WWW.PRINCIPLECOMPANY.COM

NEW DOCK PLANS
 AP 9 LOT 8
 28 CLIFF AVENUE
 PORTFOLIUM, WASHINGTON, DC
 7/1/18

RECEIVED
 NOV 14 2018

COASTAL RESOURCES MANAGEMENT COUNCIL

TABLE 3 - MINIMUM DESIGN CRITERIA

Material/Component	Minimum Design Criteria
Min. Pile Diameter	12"
Min. Pile Length	15' to 20'
Min. Pile Spacing	2'-0"
Min. Pile Embedment	3'-0"
Min. Pile Spacing	2'-0"
Min. Pile Diameter	12"
Min. Pile Length	15' to 20'
Min. Pile Spacing	2'-0"
Min. Pile Embedment	3'-0"
Min. Pile Diameter	12"
Min. Pile Length	15' to 20'
Min. Pile Spacing	2'-0"
Min. Pile Embedment	3'-0"

NOTES:

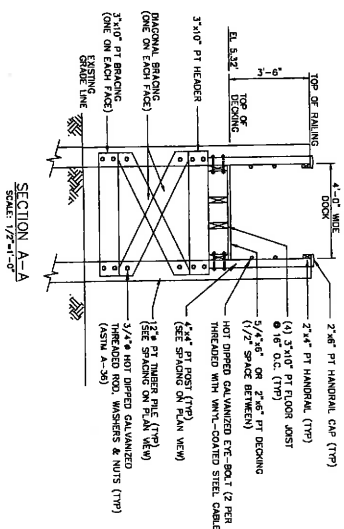
HOOP PILE HOLDER
 MONITORING FRAME SHALL BE MADE FROM 1/4" MILD STEEL AND HOOP MADE FROM 1/2" SCHEDULE 40 STEEL PIPE. ALL WELDING TO BE DONE BY WELDER QUALIFIED TO AWS D1.1. HOOP SHALL USE 3/4" GALVANIZED CARBIDE BOLTS FOR ATTACHMENT TO THE DOCK. HOOPS ARE TO BE ATTACHED TO THE MONITORING BRACKET WITH 1/2" STAINLESS STEEL HEX HEAD BOLTS AND NUTS. THE HOOP PILE HOLDER SHALL BE FABRICATED OF RUBBER. THE HOOP PILE HOLDER SHALL BE FOLLOWER SERIES PM-4 OR EQUIV. OR COAL.

INTERNAL PILE HOODS
 THE PILE HOODS SHALL HAVE A HIGH DENSITY POLYETHYLENE (HDPE) SHEET. THE HOODS SHALL BE SET FROM 1/4" MILD STEEL. ALL MATERIALS ARE TO BE HOT-DIPPED GALVANIZED AFTER ALL WELDING AND FABRICATION IS COMPLETE. MONITORING FRAME SHALL USE 3/4" GALVANIZED CARBIDE BOLTS FOR ATTACHMENT OF HOOP (8) 1/2" MILD BOLTS WITH FLAT WASHERS SHALL BE USED TO ATTACH HOOP TO MONITORING FRAME. THE HOODS SHALL BE FABRICATED OF RUBBER. THE HOOP PILE HOLDER SHALL BE FOLLOWER SERIES PM-4 OR EQUIV. OR COAL.

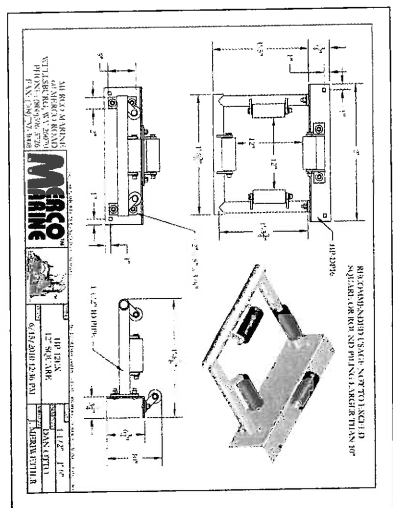
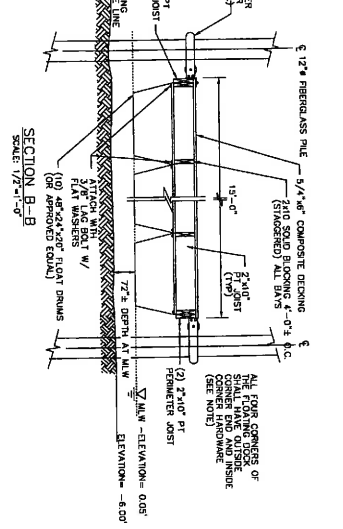
FLOATING DOCK HARDWARE
 ALL FOUR OUTSIDE CORNERS SHALL HAVE OUTSIDE CORNER NUTS AND WASHERS. THE CORNER NUTS SHALL BE ATTACHED USING 3/4" HIGH STRENGTH CARBON STEEL. ALL HARDWARE SHALL BE ATTACHED USING 3/4" GALVANIZED BOLTS WITH NUTS LOCK NUTS.

FLOOT DRUMS
 THE FLOOT DRUMS SHALL HAVE A HIGH DENSITY POLYETHYLENE (HDPE) SHEET. THE DRUMS SHALL BE SET FROM 1/4" MILD STEEL. ALL MATERIALS ARE TO BE HOT-DIPPED GALVANIZED AFTER ALL WELDING AND FABRICATION IS COMPLETE. MONITORING FRAME SHALL USE 3/4" GALVANIZED CARBIDE BOLTS FOR ATTACHMENT OF DOOR (8) 1/2" MILD BOLTS WITH FLAT WASHERS SHALL BE USED TO ATTACH DOOR TO MONITORING FRAME. THE DRUMS SHALL BE FABRICATED OF RUBBER. THE HOOP PILE HOLDER SHALL BE FOLLOWER SERIES PM-4 OR EQUIV. OR COAL.

FLOATING DOCK HARDWARE
 ALL FOUR OUTSIDE CORNERS SHALL HAVE OUTSIDE CORNER NUTS AND WASHERS. THE CORNER NUTS SHALL BE ATTACHED USING 3/4" HIGH STRENGTH CARBON STEEL. ALL HARDWARE SHALL BE ATTACHED USING 3/4" GALVANIZED BOLTS WITH NUTS LOCK NUTS.



FOOTPRINT CALCULATIONS:
 (1) 4' x 4' SQUARE = 16 SF
 (2) 16' x 4' FOOT = 64 SF
 (3) 4' x 2' CORNER = 8 SF
 (4) 2' x 2' CORNER = 4 SF
 (5) 1/2" DIAMETER STEEL = 4 SF
 PROPOSED FOOTPRINT: 460 SF



TIMBER NOTES:

1. ALL GITS, TIMBER AND POSTS SHALL BE MEASURED, TREATED, SCHEDULED PROPERTIES PER-1000 PSI (SOUND USE), PER-1750 PSI (DEFINITE) AND 900 PSI, E-1-10000 PSI.

2. SET MAKING SCHEDULE, APPENDIX C, R STATE BUILDING CODE FOR MAKING NOT SPECIFICALLY CALLED OUT ON THE DRAWINGS USE GALVANIZED COMMON RIBBONS SHALL COMPLY 25 PER MINIMUM OF CCL.

3. SHEET WELDED ALL FRAMING MEMBERS WHICH ARE BUILT UP USING MULTIPLE 2x NUMBER.

4. ALL LOGS, TIMBER, POSTS AND BOLTS SHALL BE PRESERVED WITH PRESERVED COPPER ASBESTATE (CCA) MEETING THE AMERICAN WOOD PRESERVERS ASSOCIATION (AWPA) 1994 STANDARDS. THE PRESSURE TREATED MEMBERS SHALL COMPLY 25 PER MINIMUM OF CCL.

TIMBER PILING NOTES:
 1. ROUND TIMBER PILING SHALL BE NEW LOGS, SPLIT LOGS, OR LOGS CUT TO SIZE AND TREATED WITH PRESERVED COPPER ASBESTATE (CCA) MEETING THE AMERICAN WOOD PRESERVERS ASSOCIATION (AWPA) 1994 STANDARDS. THE PRESSURE TREATED MEMBERS SHALL COMPLY 25 PER MINIMUM OF CCL.

2. SIZES SHALL BE FABRICATED IN ACCORDANCE WITH ASTM D 20, LATEST REVISION, TABLE 1(A) AND (B), SIZE 3 FT. FROM HEAD.

3. ALL PILES SHALL BE OF ROUND TIMBER STRIKE FOR DRIVING CUT ABOVE THE DRIVE POINT. THE PILES SHALL BE ONE-CORNER THE DIAMETER OF THE PILE LOWER HALF OF THE LENGTH NO MORE THAN THE INCHES OVERSIZE. ALL NUTS SHALL BE TIGHTENED WITH THE SHORT END. THE PILES AND PILES SHALL BE SPACED WITH THE HEADS OF THE PILES IN ACCORDANCE WITH WITH AREA 4.1 AND ONE INCHES (1.5 COI) PER PILE.

4. TIMBER PILING SHALL BE TREATED IN ACCORDANCE WITH WITH AREA 4.1 AND ONE INCHES (1.5 COI) PER PILE.

5. TIMBER PILING SHALL HAVE A MINIMUM DENSITY OF 1200 P.S.F. ALTHOUGH COMPRESSIVE STRENGTH SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF ASTM D 2099, 3000 PSI, LATEST REVISION. AND BE CAPABLE OF WITHSTANDING DRIVING STRESSES OF 3000 PSI.

6. CUTTERS AT HEAD WILL BE TREATED IN THE FIELD IN ACCORDANCE WITH AREA 4.1.

7. CUT OF HEAD OF PILES TO ELEVATIONS INDICATED. PILE HEAD CUT OFFS SHALL BE DISPOSED ON THE SITE BY THE CONTRACTOR.

8. IF SITE-SPECIFIC CONDITIONS WARRANT, STEEL BOOMS OR ARROW PILES MAY BE USED INSTEAD OF TIMBER. STEEL BOOMS SHALL BE FABRICATED OF 3\"/>

THOMAS J. PRINCIPLE, III
 REGISTERED PROFESSIONAL ENGINEER
 STATE OF ALABAMA
 NO. 6192

PRINCIPLE COMPANY, INC.
 ENGINEERS ARCHITECTS
 2000 UNIVERSITY BLVD.
 MOBILE, AL 36688
 251-833-1111
 251-833-1112

NEW DOCK PLANS
 APR 9 1992
 28 CLIFF DRIVE
 PORT MOBILE, AL 36587
 7/7/19

