



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: 2017-05-044

Date: August 24, 2017

This office has under consideration the application of:

Thomas A. Frongillo
379 Earle Drive
North Kingstown, RI 02852

for a State of Rhode Island Assent to construct and maintain:

A timber pier with a ramp to a float and a 20,000 lb boat lift extending 75-feet beyond mean low water at Lone Tree Point.

Project Location:	379 Earle Drive
City/Town:	North Kingstown
Plat/Lot:	89 / 106
Waterway:	Narragansett Bay – West Passage

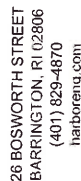
Plans of the proposed work may be seen at the CRMC office in Wakefield.

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 September 25, 2017.

/lat

COASTAL RESOURCES
MANAGEMENT COUNCIL[illegible]

Client/Owner:

THOMAS FRONGILLO
379 EARLE DRIVE
NORTH KINGSTOWN, RI 02852
A.P. 89, LOT 106

Issued for:

REGULATORY REVIEW
RI CRMC APPLICATION
NEW RESIDENTIAL DOCK

Drawing Title:

VICINITY CHART

NOAA CHART #13223
NARRAGANSETT BAY
DATUM: MEAN LOWER LOW WATER (MLLW)

DATE: 7/12/2017 SCALE: 1"=1000FT

[illegible]

	Designed by:	AJK
	Drawn by:	AJK

No.	7949
Checked by:	
Project Number:	



2017-02

REGISTERED
Sheet 1 of 6

PROFESSIONAL ENGINEER
CIVIL 7/12/2017
Drawing Number: V-1

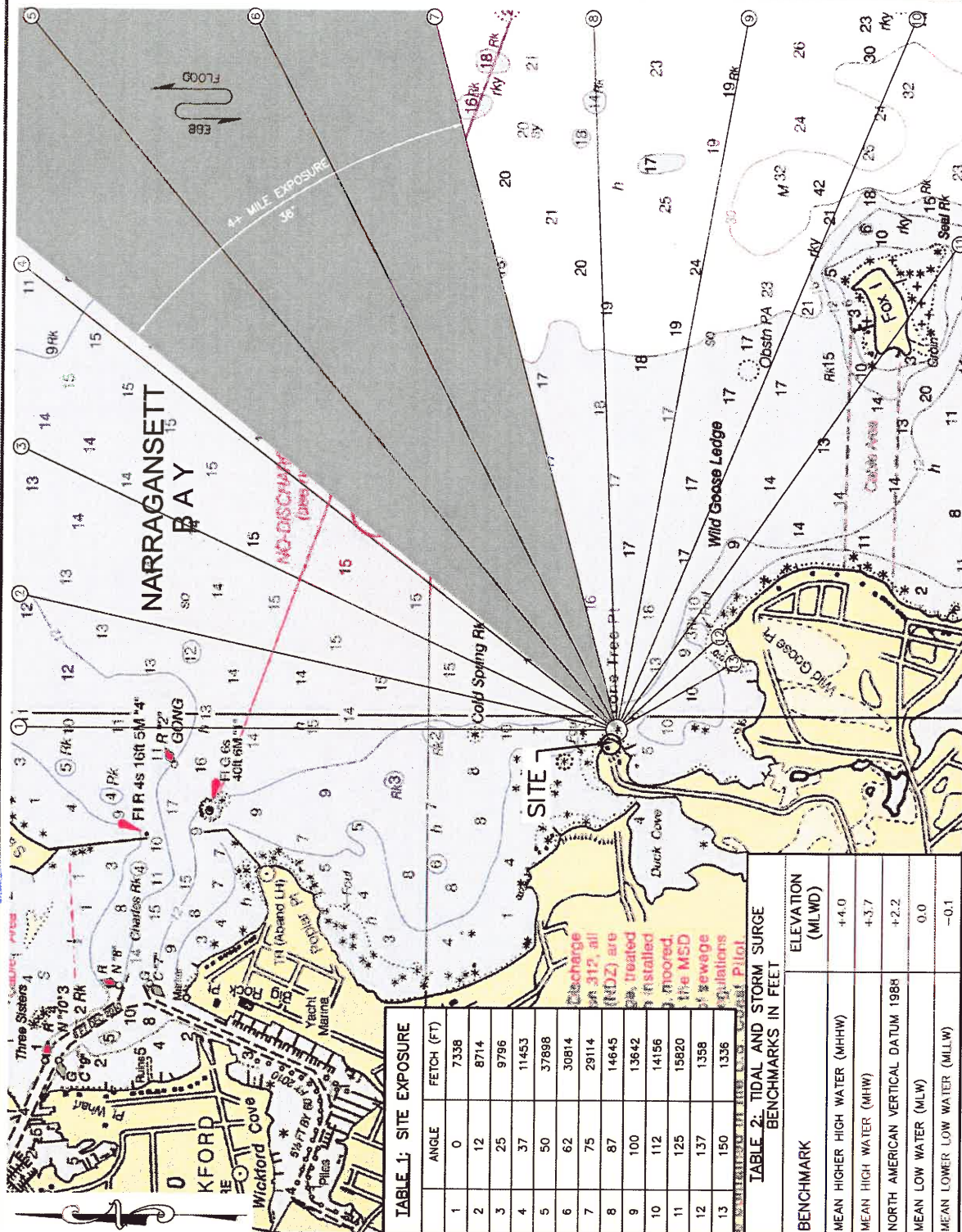
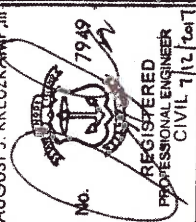
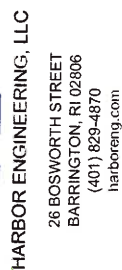
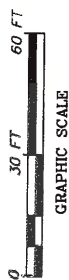


TABLE 1: SITE EXPOSURE

	ANGLE	FETCH (FT)
1	0	7338
2	12	8714
3	25	9796
4	37	11453
5	50	17898
6	62	30814
7	75	29114
8	87	14645
9	100	13642
10	112	14156
11	125	15820
12	137	1358
13	150	1336

TABLE 2: TIDAL AND STORM SURGE BENCHMARKS IN FEET

BENCHMARK	ELEVATION (MLWD)
MEAN HIGHER HIGH WATER (MHHW)	+4.0
MEAN HIGH WATER (MHW)	+3.7
NORTH AMERICAN VERTICAL DATUM 1988	+2.2
MEAN LOW WATER (MLW)	0.0
MEAN LOWER LOW WATER (MLLW)	-0.1

COASTAL RESOURCES
MANAGEMENT COUNCIL[illegible]

Client/Owner:

THOMAS FRONGILLO
379 EARLE DRIVE
NORTH KINGSTOWN, RI 02852
A.P. 89, LOT 106

Issued for:

REGULATORY REVIEW
RI CRMC APPLICATION
NEW RESIDENTIAL DOCK

Drawing Title:

SITE PLAN

EXISTING CONDITIONS
DATUM: MLWD

Date:	7/12/2017
Scale:	1"=30FT

Designed By:

Drawn by:	AJK
Checked by:	

Project Number: 2017-02

Sheet 2 of 6

Drawing Number: EX-1

1001

ALLIANCE FOR KENYAN AFRICAN

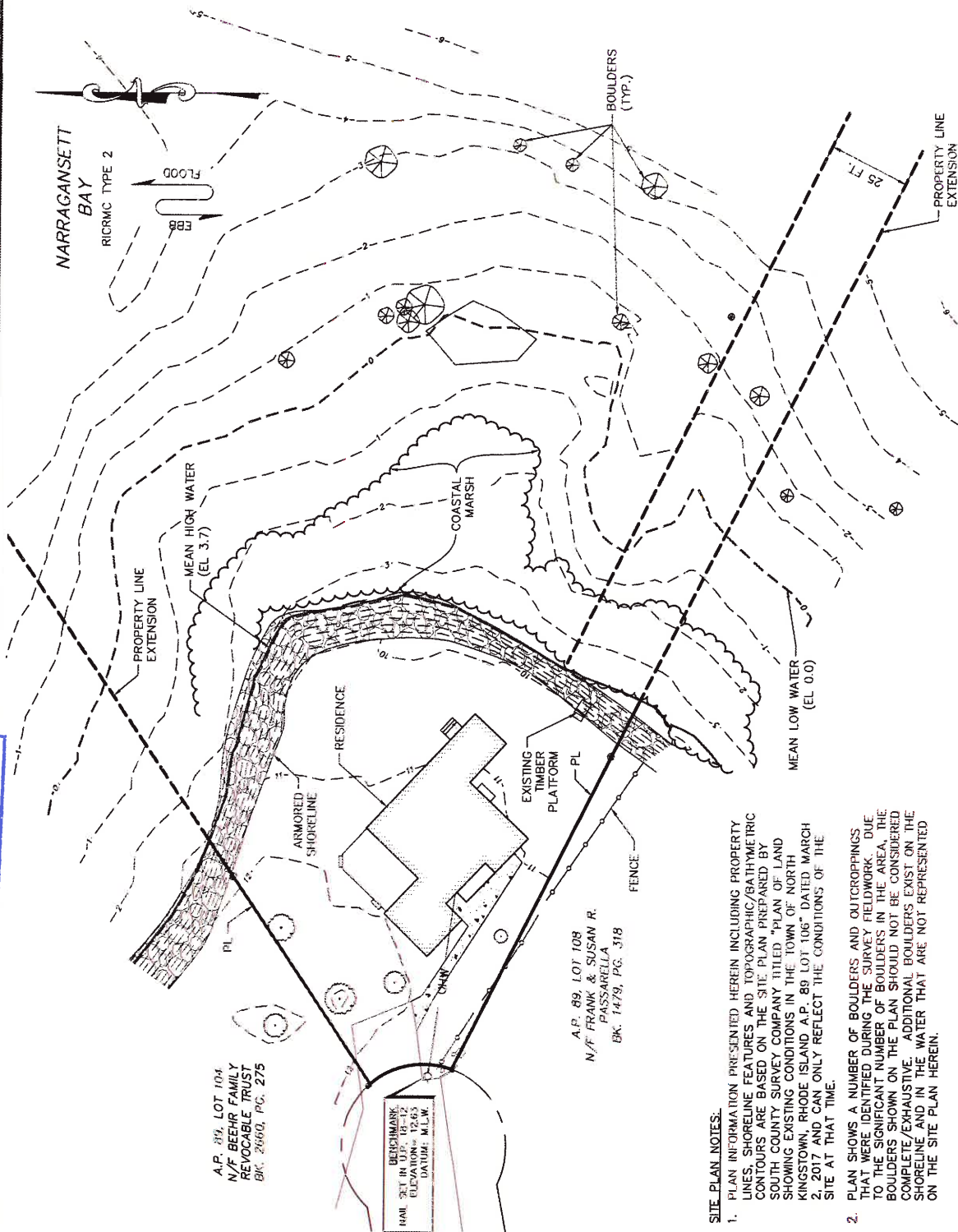
AUGUST J. KNEUZKA, III

No. 7949

REGISTERED

PROFESSIONAL ENGINEER
CIVIL 7/17/2007

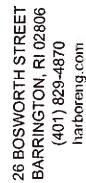
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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1. PLAIN INFORMATION PRESENTED HEREIN INCLUDING PROPERTY LINES, SHORELINE FEATURES AND TOPOGRAPHIC/BATHYMETRIC CONTOURS ARE BASED ON THE SURVEY PREPARED BY SOUTH COUNTY SURVEY COMPANY, TITLE "A", SHOWING EXISTING CONDITIONS IN THE TOWN OF NORTH KINGSTOWN, RHODE ISLAND A.P. 89 LOT 106" DATED MARCH 2, 2017 AND CAN ONLY REFLECT THE CONDITIONS OF THE SITE AT THAT TIME.

2. PLAN SHOWS A NUMBER OF BOULDERS AND OUTCROPPINGS THAT WERE IDENTIFIED DURING THE SURVEY FIELDWORK. DUE TO THE SIGNIFICANT NUMBER OF BOULDERS IN THE AREA, THE BOULDERS SHOWN ON THE PLAN SHOULD NOT BE CONSIDERED COMPLETE/EXHAUSTIVE. ADDITIONAL BOULDERS EXIST ON THE SHORELINE AND IN THE WATER THAT ARE NOT REPRESENTED ON THE SITE PLAN HEREIN.

**COASTAL RESOURCES
MANAGEMENT COUNCIL**

[illegible]

Client/Owner:

THOMAS FRONGILLO

379 EARLE DRIVE
NORTH KINGSTOWN, RI 02852
A.P. 89, LOT 106

Issued for:

REGULATORY REVIEW
RI CRMC APPLICATION
NEW RESIDENTIAL DOCK

Drawing Title:

PROPOSED SITE PLAN
RESIDENTIAL BOATING FACILITY

DATE: 7/12/2017
SCALE: 1"=30FT

Designed By:	AJK
Drawn by:	AJK

Checked by:

Project Number: 004700

2017-02

Sheet 3 of 6

Drawing Number: 00-1

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A.P. 89, LOT 104
N/F BEEHR FAMILY
REVOCABLE TRUST
BK. 2660, PG. 275

BENCHMARK
NAIL SET IN U.P. 18-12
ELEVATION= 12.63

A.P. 89, LOT 108
N/F FRANK & SUSAN R.
PASSARELLA
BK. 1479, PG. 318

SITE PLAN NOTES:

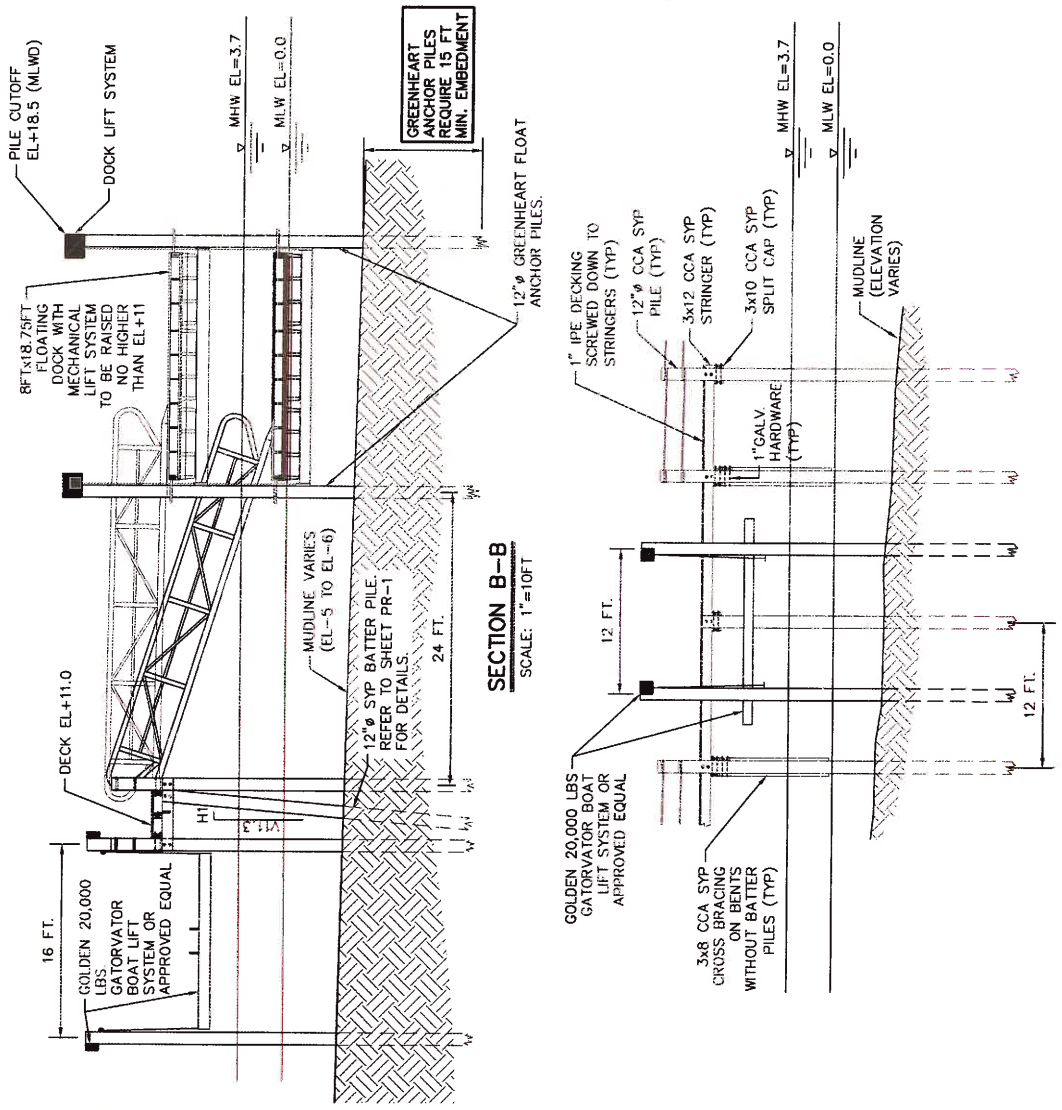
PLAN INFORMATION PRESENTED HEREIN INCLUDING PROPERTY LINES, SHORELINE FEATURES AND TOPOGRAPHIC/BATHYMETRIC CONTOURS ARE BASED ON THE SITE PLAN PREPARED BY SOUTH COUNTY SURVEY COMPANY, TITLED "PLAN OF SHOWING EXISTING CONDITIONS IN THE TOWN OF NORTH KINGSTOWN, RHODE ISLAND A.P. 89 LOT 108," DATED MARCH 2, 2017 AND CAN ONLY REFLECT THE CONDITIONS OF THE SITE AT THAT TIME.

PLAN SHOWS A NUMBER OF BOULDERS AND OUTCROPPINGS THAT WERE IDENTIFIED DURING THE SURVEY FIELDWORK. DUE TO THE SIGNIFICANT NUMBER OF BOULDERS IN THE AREA, THE BOULDERS SHOWN ON THE PLAN SHOULD NOT BE CONSIDERED COMPLETE/EXHAUSTIVE. ADDITIONAL BOULDERS EXIST ON THE SHORELINE AND IN THE WATER THAT ARE NOT REPRESENTED ON THE SITE PLAN HEREIN.

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AUG 08 2017
COASTAL RESOURCES
MANAGEMENT COUNCIL

TIMBER NOTES.

- DESIGN LIVE LOAD FOR FIXED PIER: 500 POUND POINT LOAD OR 60PSF UNIFORM DISTRIBUTED LOAD.
- DECKING SHALL BE 1" IPE FASTENED TO STRINGERS USING SCREWS.
- STRINGERS AND SPLIT CAPS SHALL BE GRADED NO.1 SYP.
- FLOAT ANCHOR PILES SHALL BE 12" GREENHEART AND REQUIRE 15FT EMBEDMENT INTO COMPETENT MATERIAL. GREENHEART PILES SHALL BE Banded USING TWO (2) 3" STAINLESS STEEL BANDS AT EACH PILE BUTT TO PREVENT BROODING.
- PIER SUPPORT AND BATTER PILES CAN BE EITHER SYP OR GREENHEART WITH 15FT OR 10FT EMBEDMENT INTO COMPETENT MATERIAL RESPECTIVELY. GREENHEART PILES SHALL BE Banded USING TWO (2) 3" STAINLESS STEEL BANDS AT EACH PILE BUTT TO PREVENT BROODING.
- ALL PILES SHOULD BE CAPPED USING CONES OR COPPER TO PROTECT FROM THE ELEMENTS AND IMPROVE LONGEVITY.
- UNLESS NOTED OTHERWISE, ALL TIMBER MATERIAL SHALL BE SOLID SAW LUMBER (S4S) SOUTHERN YELLOW PINE (SYP) GRADE NO. 1 OR BETTER IN ACCORDANCE WITH EITHER THE SOUTHERN PINE INSPECTION BUREAU OR THE TIMBER PRODUCTS INSPECTION BUREAU GRADING RULES.
- UNLESS NOTED OTHERWISE, SYP TIMBER MATERIALS SHALL BE TREATED WITH CCA PRESERVATIVE SUFFICIENT FOR MARINE CONSTRUCTION WITH THE FOLLOWING MINIMUM PRETENSIONS:
 - TIMBER PILES: 2.5 LBS PER CUBIC FOOT
 - TIMBER FRAMING: 0.6 LBS PER CUBIC FOOT.
- BRUSH APPLY TWO (2) COATS OF WOOD PRESERVATIVE TO SURFACE OF PRESERVATIVE TREATED MATERIALS WHICH HAVE BEEN FIELD CUT, DRESSED OR DRILLED.
- ALL BOLTS SHALL BE ASTM A307 OR BETTER SIZED NO LESS THAN 1", UNLESS NOTED OTHERWISE, ACCOMPANIED BY APPROPRIATELY SIZED NUTS AND WASHERS.
- COUNTER SINK AREAS WHERE HARDWARE INTERFERES WITH CONSTRUCTION OR VESSEL BERTHING AREAS.
- ALL HARDWARE INCLUDING NAILS, SCREWS, BOLTS, NUTS AND WASHERS SHALL BE HOT-DIPPED GALVANIZED STEEL.
- SPLICING OF STRINGERS SHOULD OCCUR EXCLUSIVELY OVER THE CENTER OF A PILE BENT (OVER THE SPLIT CAP) WITH EITHER A 3FT LAP SPLICE OR A 3FT BUTT SPLICE WITH 3FT LONG 3x10 SCAB AND 18-INCH OVERLAP WITH THE BUTTING STRINGERS.



HARBOR ENGINEERING, LLC
26 BOSWORTH STREET
BARRINGTON, RI 02806
(401) 829-4870
harboreng.com

No.	Revision	Date	App.



Client/Owner:
THOMAS FRONGILLO
379 EARLE DRIVE
NORTH KINGSTOWN, RI 02852
A.P. 89, LOT 106

Issued for:
REGULATORY REVIEW
R/C/MC APPLICATION
NEW RESIDENTIAL DOCK

Drawing Title:
CROSS SECTIONS
RESIDENTIAL BOATING FACILITY

Date: 7/12/2017
Scale: 1"=10FT

Designed By: MNG
Drawn by: JEC
Checked by: AJK
Project Number: 2017-02
Sheet 5 of 6
Drawing Number: X-2

AUGUST J. KREUZKAMP, III
No. 7949
REGISTERED PROFESSIONAL ENGINEER
CIVIL 7/12/2017

RECEIVED
AUG 08 2017

COASTAL RESOURCES
MANAGEMENT COUNCIL

GENERAL NOTES:

1. DRAWING AND SPECIFICATIONS, AS INSTRUMENTS OF PROFESSIONAL SERVICE, ARE AND SHALL REMAIN THE PROPERTY OF HARBOR ENGINEERING, LLC. DOCUMENTS ARE NOT TO BE USED IN WHOLE OR IN PART, FOR OTHER PROJECTS OR PURPOSES OR BY ANY OTHER PARTIES THAN THOSE AUTHORIZED BY CONTRACT WITHOUT THE SPECIFIC WRITTEN AUTHORIZATION OF HARBOR ENGINEERING, LLC. THE USE OF THIS DOCUMENT IS CONTINGENT UPON PAYMENT TO HARBOR ENGINEERING, LLC. FOR SERVICES RENDERED. NON-PAYMENT SHALL GIVE HARBOR ENGINEERING, LLC. THE AUTHORITY TO BAR DOCUMENT USE BY ANY AND ALL PARTIES.

GENERAL CONSTRUCTION NOTES:

1. ALL WORK SHALL CONFORM TO THE STANDARDS AND REQUIREMENTS AS SHOWN IN THESE PLANS AND SPECIFICATIONS.
2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE CONDITIONS SHOWN HEREIN AND NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES IN DIMENSIONS AND/OR SITE CONDITIONS PRIOR TO THE FABRICATION AND/OR ORDERING OF ANY CONSTRUCTION MATERIALS. THE CONTRACTOR SHALL NOT BEGIN CONSTRUCTION IN ANY SUCH AFFECTED AREA UNTIL THE DISCREPANCY HAS BEEN RESOLVED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR BRINGING ALL ELEMENTS OF THE PROJECT IN CONFORMANCE WITH THESE PLANS AND SPECIFICATIONS. IF ANY MODIFICATIONS ARE REQUIRED IN ANY ELEMENT, THE CONTRACTOR SHALL SUBMIT PROPOSED CHANGES IN WRITING TO THE ENGINEER FOR REVIEW.
4. ALL SAFETY REGULATIONS ARE TO BE STRICTLY FOLLOWED. METHODS OF CONSTRUCTION AND ERECTION OF STRUCTURAL MATERIAL ARE THE RESPONSIBILITY OF THE CONTRACTOR.
5. ALL WORK SHALL COMPLY WITH FEDERAL LAWS, STATE REGULATIONS, AND LOCAL LAWS AND STATUTES AND THE REQUIREMENTS AND CONDITIONS OF ALL REGULATORY PERMITS ISSUED FOR THE WORK.
6. ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE OSHA CODE, THE RHODE ISLAND STATE BUILDING CODE, AND THE REFERENCED STANDARDS INCLUDED THEREIN THAT ARE APPLICABLE TO THIS PROJECT.
7. IT SHALL BE CONTRACTOR'S RESPONSIBILITY TO OBTAIN THE SURVEY SUPPORT NEEDED TO COMPLETE THE WORK, INCLUDING STAKEOUT, TO ENSURE THE WORK IS COMPLETED CONSISTENT WITH PROJECT PLANS AND ASSOCIATED REGULATORY APPROVALS.
8. ALL MATERIAL STORAGE SHALL BE DONE VIA BARGE.
9. DAMAGE TO ANY PROPERTY, PRIVATE OR OF PUBLIC TRUST, OCCURRING DURING THE CONSTRUCTION BY THE CONTRACTOR, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE REPAIRED TO THE SATISFACTION OF THE OWNER AT THE EXPENSE OF THE CONTRACTOR.

PILE DRIVING

1. THE CONTRACTOR SHALL USE EQUIPMENT ADEQUATE IN SIZE, CAPACITY, AND NUMBERS, AND MAINTAINED TO THE REQUIREMENTS OF ALL FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS TO ACCOMPLISH THE WORK.
2. PILES SHALL BE DRIVEN AS SPECIFIED ON THE PRECEDING SHEETS. CONTRACTOR SHALL POINT PILES AND BE PREPARED TO USE STEEL PILE TIPS OR SOCKET PILES TO ACHIEVE THE REQUIRED EMBEDMENT.
3. THE CONTRACTOR SHALL KEEP AN ACCURATE SET OF PILE INSTALLATION/DRIVING LOGS. ALL PILES BEING INSTALLED SHALL BE CLEARLY MARKED IN 1 FOOT INCREMENTS PRIOR TO INSTALLATION TO SUPPORT MONITORING/RECORDING EFFORTS. ALL LOGS SHALL BE CERTIFIED BY THE CONTRACTOR AND SUBMITTED TO THE OWNER PRIOR TO PAYMENT. PILE LOGS SHALL INCLUDE: PILE ID, LOCATION, DEPTH TO MUDLINE (INCLUDING DATE & TIME RECORDED) AND TOTAL EMBEDMENT.

FLOATING DOCK

1. FLOATING DOCKS SHALL BE CONSTRUCTED USING CCA TREATED TIMBER FRAMING, ENCAPSULATED PERMAFLOAT FLOATATION OR APPROVED EQUAL TUBES AND CCA TYPED TIMBER DECKING.
2. CONTRACTOR TO INSTALL FOUR (4) HOT-DIPPED GALVANIZED STEEL CLEATS AT THE FLOAT CORNERS, ATTACHED TO THE DOCK FRAMING USING THROUGH BOLTS. CLEATS SHALL BE NO LESS THAN 10 INCHES IN LENGTH.
3. DOCK FENDERING SHALL BE EXTRUDED, NON-MARRING, MARINE GRADE VINYL. CONSISTENT SHADE OF GRAY IN COLOR INCLUDING FOUR (4) CORNER FENDERS AND BUMPER STRIP ALONG THE TWO (2) BERTHING SIDES OF THE FLOAT.
4. FLOAT DESIGN CRITERIA:

- 4.1. LIVE LOAD=40 PSF
- 4.2. DEAD LOAD FREEBOARD=18"

FLOAT LIFT

1. THE FLOAT LIFT SYSTEM SHALL BE COMPRISED OF A SERIES OF WINCHES AND LIFTING/SUPPORT BEAMS MANUFACTURED BY DAVIT MASTER OR APPROVED EQUIVALENT. EACH MOTORIZED WINCH SHALL HAVE A DIRECT PULL CAPACITY OF 3,000 POUNDS. WINCH CABLES SHALL NOT BE CONNECTED DIRECTLY TO THE FLOAT NOR SHALL THE BEAMS BE FASTENED DIRECTLY TO THE FLOAT.
2. EACH DE-30 FLOAT LIFT WINCH MANUFACTURED BY DAVIT MASTER (3 HP MOTOR; 3,000# CAPACITY) REQUIRES EITHER 110 VOLT, 13 AMP SERVICE OR 220 VOLT, 6.5 AMP SERVICE. TOTAL OF FOUR (4) WINCHES REQUIRED. REFER TO DAVIT MASTER LITERATURE FOR DETAILS.

BOAT LIFT

1. THE BOAT LIFT SYSTEM SHALL BE THE FOUR (4) PILE FOUR (4) MOTOR SYSTEM 20,000 POUND CAPACITY GATORVATOR LIFT MANUFACTURED BY GOLDEN BOAT LIFTS.
2. EACH GATORVATOR BOAT LIFT MOTOR MANUFACTURED BY GOLDEN REQUIRES 220 VOLT, 40 AMP SERVICE. TOTAL OF FOUR (4) MOTORS REQUIRED. REFER TO GOLDEN LITERATURE FOR DETAILS.

ELECTRICAL

1. THE INSTALLATION OF THE ELECTRICAL SERVICE SHALL BE PERFORMED BY A LICENSED ELECTRICIAN TO THE MOST CURRENT STATE AND LOCAL CODES WITH CONSIDERATION OF THE OUTDOOR/MARINE APPLICATION.
2. THE MARINE CONTRACTOR TO COORDINATE WITH THE OWNER'S ELECTRICAL CONTRACTOR TO SCHEDULE THE INSTALLATION. THE FLOAT LIFT SYSTEM SHALL BE TESTED BY THE MARINE CONTRACTOR AND WITNESSED BY THE OWNER'S REP PRIOR TO ACCEPTANCE.



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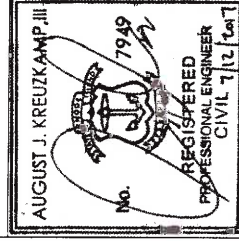
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A.P. 89, LOT 106

Issued for:

REGULATORY REVIEW
RI CRMC APPLICATION
NEW RESIDENTIAL DOCK

Drawing Title:

PROPOSED SITE PLAN
RESIDENTIAL BOATING FACILITY



Date:	7/12/2017
Scale:	1"=30FT
Designed By:	
Drawn by:	AJK
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Project Number:	2017-02
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