



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: 2018-08-007

Date: August 8, 2018

This office has under consideration the application of:

Erik & Karissa Wallin
185 Riverside Drive
South Kingstown, RI 02879

for a State of Rhode Island Assent to:

construct and maintain a residential boating facility consisting of a ~4' x 9' upland ramp, ~4' x 14.5' fixed timber pier, ~3' x 15' access ramp and 8' x 18.75' (150sf) terminal float. The entire facility is proposed to extend ~35' seaward of the cited MLW mark.

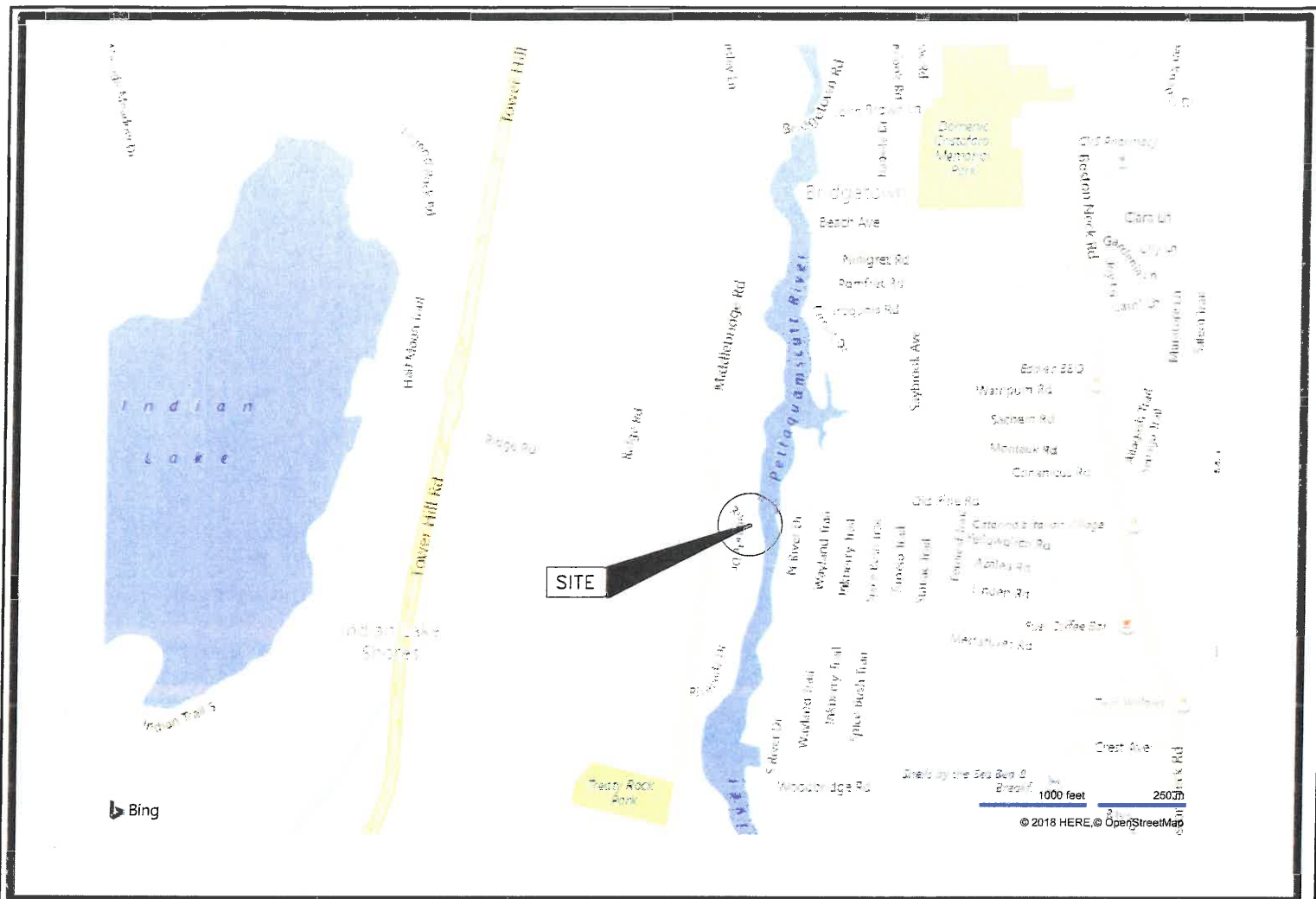
Project Location:	185 Riverside Drive
City/Town:	South Kingstown
Plat/Lot:	35-1 / 32
Waterway:	Narrow River

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.

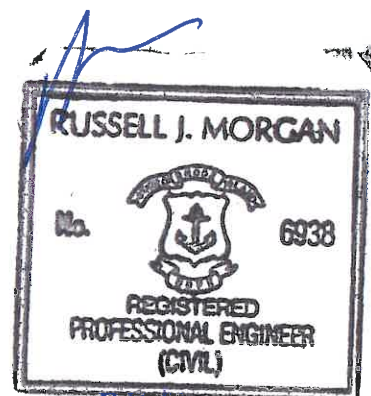
If you desire to protest, you must attend the scheduled hearing and give sworn testimony. A notice of the time and place of such hearing will be furnished you as soon as possible after receipt of your request for hearing. If you desire to request a hearing, to receive consideration, it should be in writing (**with your correct mailing address, e-mail address and valid contact number**) and be received at this office on or before September 9, 2018.



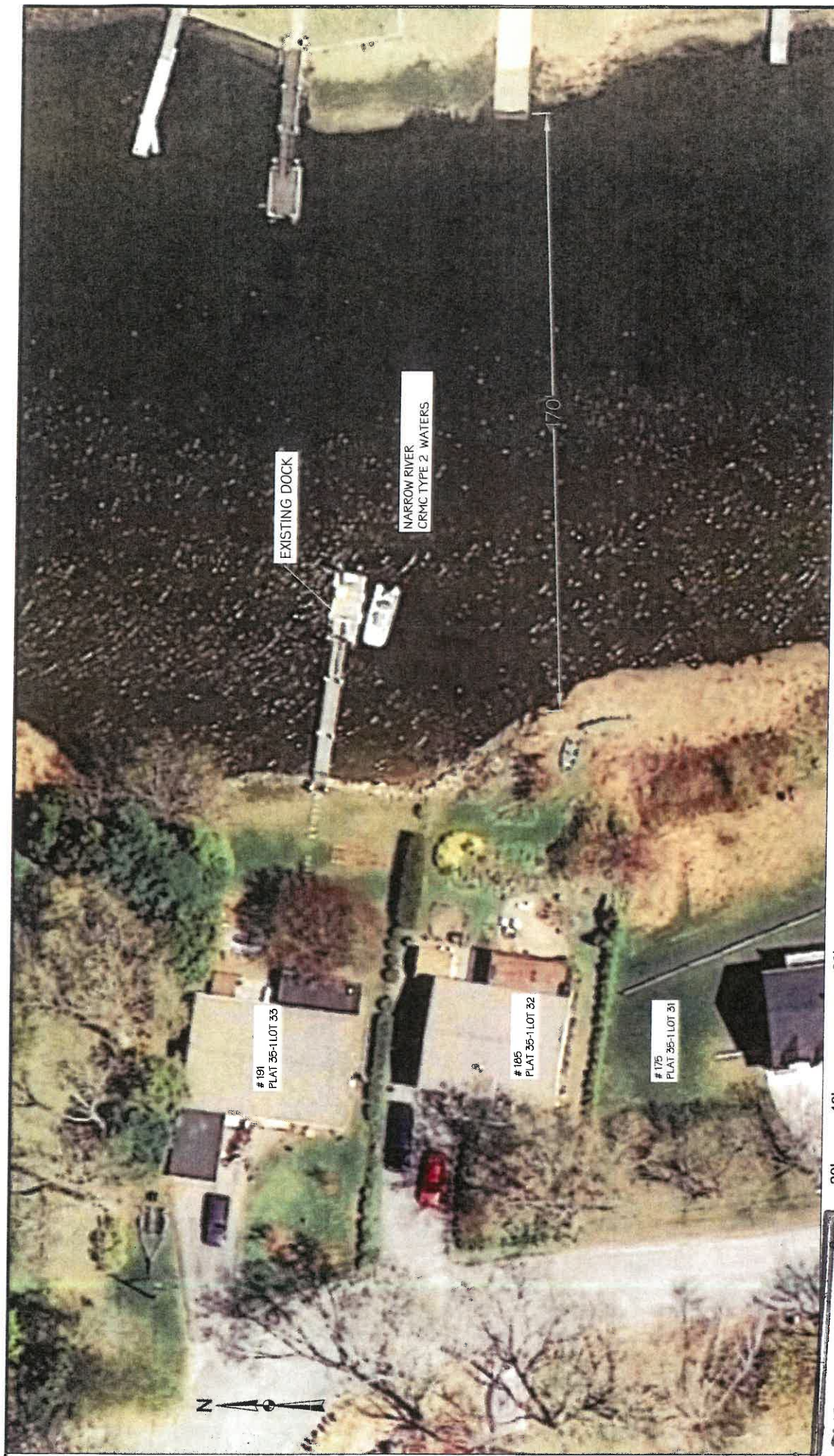
SITE LOCUS

PROJECT DRAWING LIST

DRAWING	TITLE
FIG. 1	SITE LOCUS AND DRAWING SCHEDULE
FIG. 2	AREAL PHOTO - EXISTING CONDITIONS
FIG. 3	EXISTING SITE CONDITION PLAN
FIG. 4	PROPOSED DOCK PLAN
FIG. 5	PROPOSED DOCK SECTION
FIG. 6	FIXED DOCK FRAMING PLAN AND DETAILS
FIG. 7	FLOATING DOCK FRAMING
FIG. 8	FLOATING DOCK SECTIONS
FIG. 9	RAMP FRAMING/SECTION
FIG. 10	NOTES



RECEIVED AUG 02 2018 COASTAL RESOURCES MANAGEMENT COUNCIL	PREPARED BY: RUSSELL MORGAN P.E. 49 POND STREET WAKEFIELD, RI 02879 (401) 474-9550	NO. ISSUE/DESCRIPTION		BY DATE	
	PREPARED FOR: Erik and Karissa Wallin	PROPOSED RESIDENTIAL DOCK 185 RIVERSIDE DRIVE, S. KINGSTOWN, RI		FIGURE 1	
	PROJECT MGR: RJM DESIGNED BY:	REVIEWED BY: RJM DRAWN BY: RJM	CHECKED BY: SCALE:	DATE JULY 30, 2018	PROJECT NO. 18-03
	SHEET NO.				



RUSSELL J. MORGAN

NO.	6338
REGISTERED	
PROFESSIONAL ENGINEER	
(CIVIL)	
ISSUE / DESCRIPTION	

20' 40' 80'
SCALE IN FEET

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AUG 02 2018
COASTAL RESOURCES MANAGEMENT CONCERN

PROPOSED DOCK
185 RIVERSIDE DRIVE
SOUTH KINGSTOWN, RI

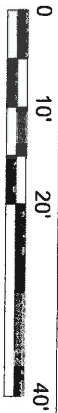
EXISTING SITE CONDITIONS - AREAL

PREPARED BY:
Russell Morgan, P.E.
49 Pond Street
Waketfield, RI 02879

PREPARED FOR:
Karissa and Erik Wallin
185 Riverside Dr., South Kingstown, RI

PROJ MGR:	RJM	REVIEWED BY:	RJM
DESIGNED BY:	RJM	DRAWN BY:	RJM
DATE:	JULY 30, 2018	PROJECT NO.	18-03
		REVISION NO.	

CHECKED BY:	
SCALE:	1" = 40'
FIGURE	2
SHEET NO.	OF XX



- SCALE IN FEET**

AUG 02 2018

NO.

BY	DATE
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EXISTING SITE CONDITIONS PLAN

Russell Morgan, P.E.
49 Pond Street
Wakefield, RI 02879

Karissa and Erik Wallin
185 Riverside Dr., South Kingstown, RI

DESIGNED BY:	RJM	DRAWN BY:
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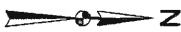
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33

FIGURE
3
SHEET NO.

OF XX



- 
- 0 10' 20' 40'
- SCALE IN FEET

AUG 02 2018

PROPOSED DOCK LAYOUT

PREPARED BY:

Russell Morgan, P.E.

49 Pond Street
Wakefield, RI 02879

PREPARED FOR:

Karissa and Erik Wallin
185 Riverside Dr., South Kinastown, RI

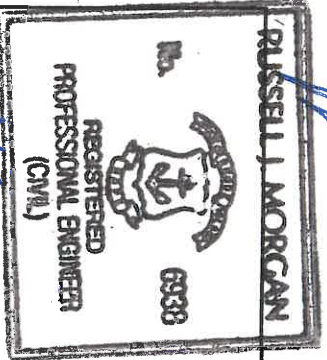
PREPARED FOR:

Karissa and Erik Wallin
185 Riverside Dr., South Kinastown, RI

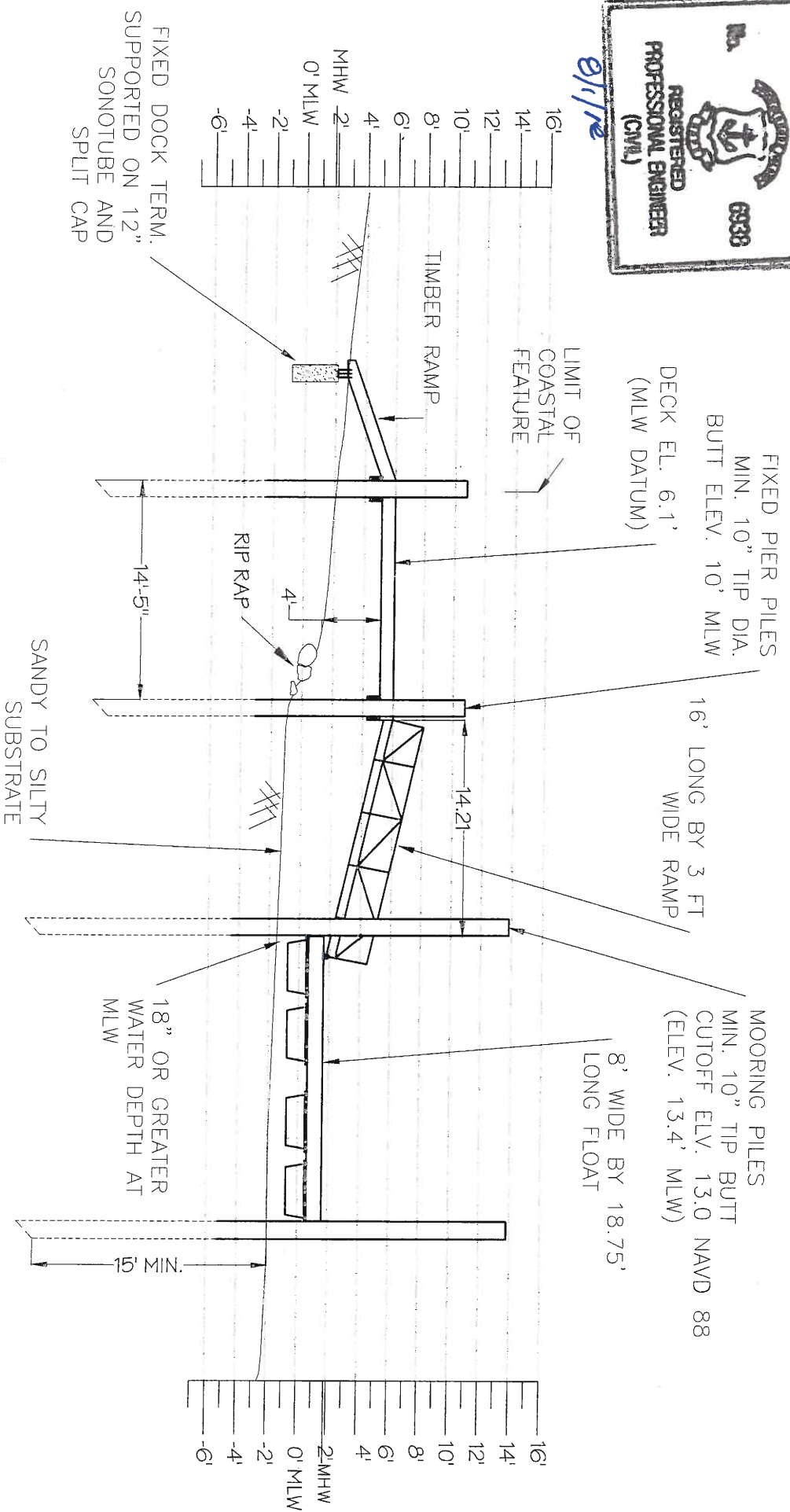
FIGURE

4

SHEET NO. --- OF XX

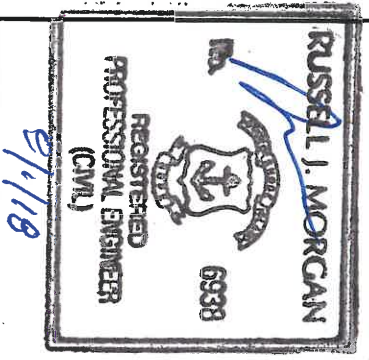
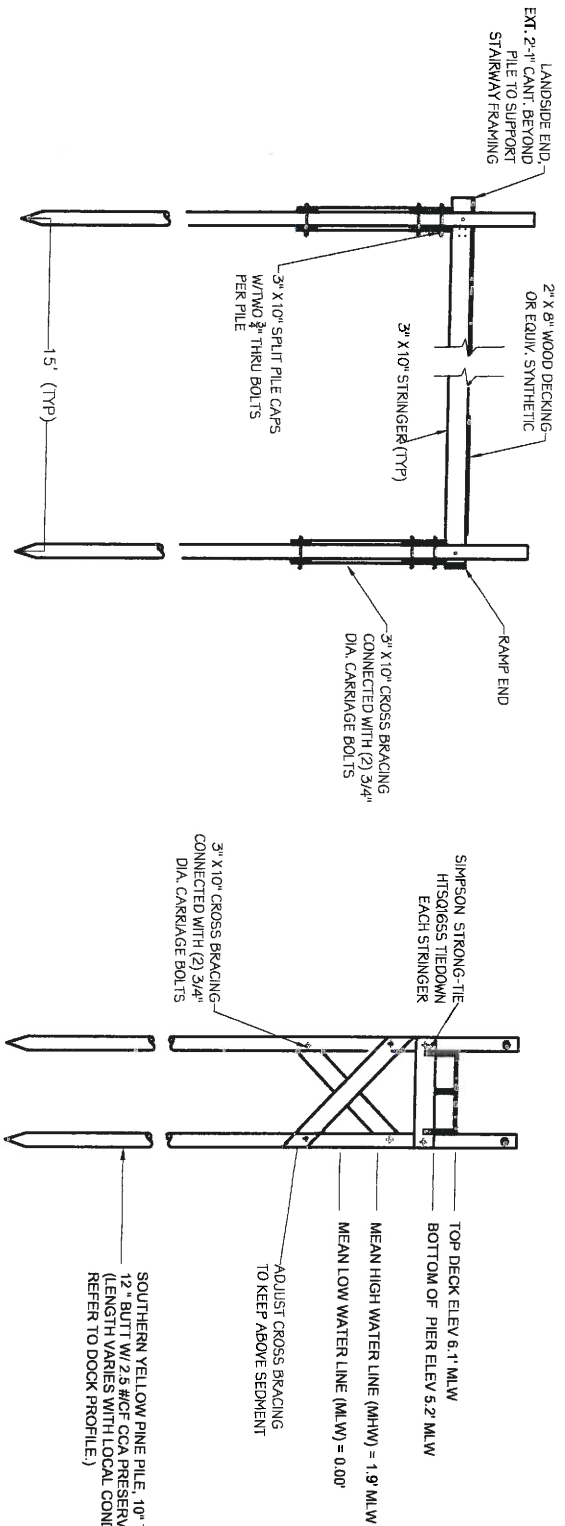


8/1/18



SCALE IN FEET

RECEIVED AUG 02 2018		PROPOSED DOCK 185 RIVERSIDE DRIVE SOUTH KINGSTOWN, RI		PREPARED BY: Russell Morgan, P.E. 49 Pond Street Wakefield, RI 02879		PREPARED FOR: Karissa and Erik Wallin 185 Riverside Dr., South Kingstown, RI	
PROPOSED DOCK SECTION		PROJ MGR: RJM DESIGNED BY: RJM DATE: JULY 30, 2018	REVIEWED BY: RJM DRAWN BY: RJM PROJECT NO: 18-03	CHECKED BY: SCALE: 1" = 40' REVISION NO:	FIGURE 5 SHEET NO. -- OF XX		



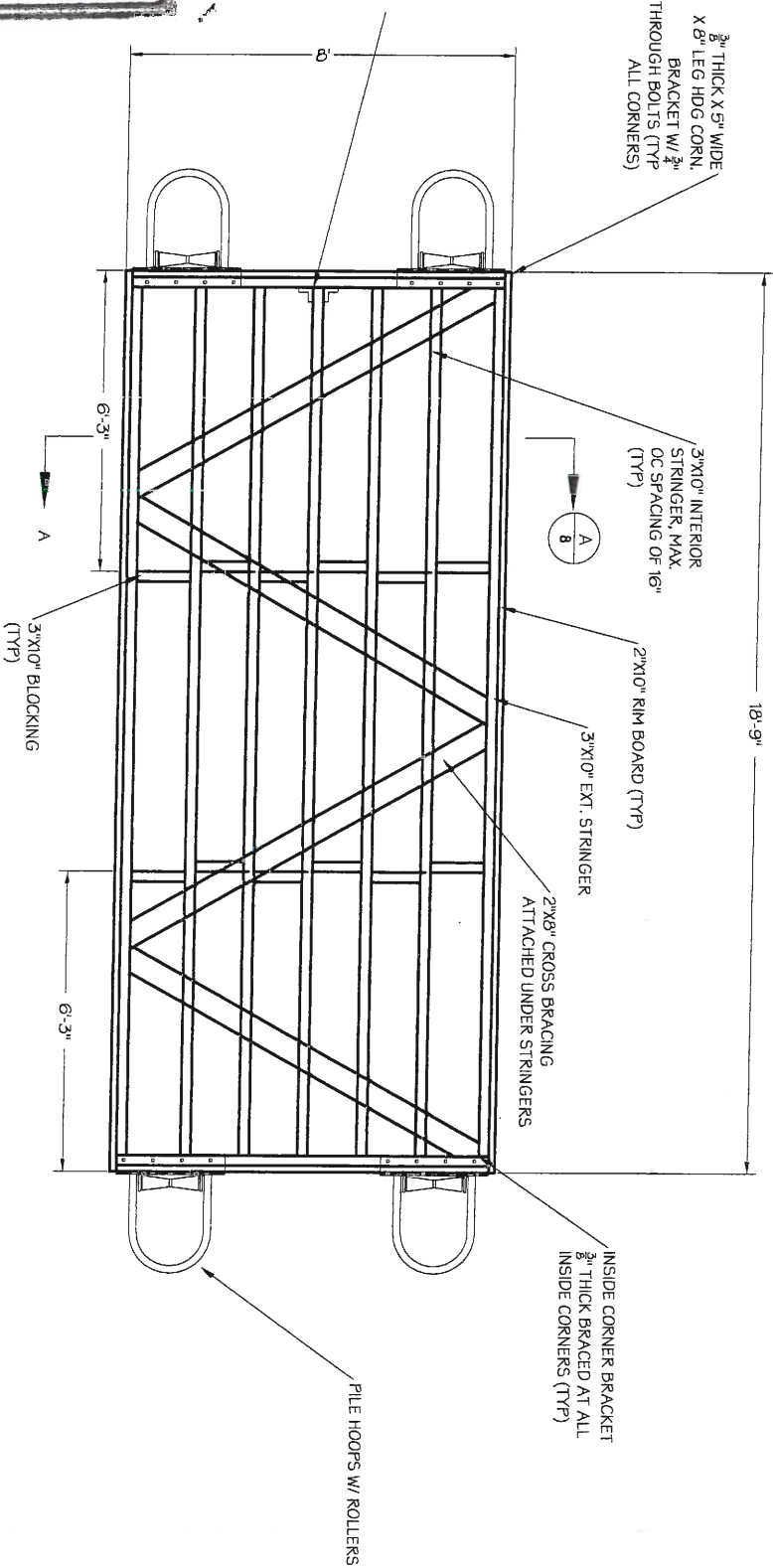
FIXED DOCK FRAMING (NTS)

<p>RECEIVED AUG 02 2018 COASTAL RESOURCES MANAGEMENT/DESIGN</p>		<p>PROPOSED DOCK 185 RIVERSIDE DRIVE SOUTH KINGSTOWN, RI</p>		<p>PREPARED BY: Russell Morgan, P.E. 49 Pond Street Waketield, RI 02879</p>		<p>PREPARED FOR: Karlisa and Erik Wallin 185 Riverside Drive South Kingstown, RI</p>	
NO.	BY	DATE	PROJECT NO.	SCALE	REVISION NO.	FIG	SHEET NO.
			18-03	NTS	0	6	XX OF XX



8/1/18

DBL. ANGLES, THRU BOLTED
DBM. EACH PERP. CONNECTION



0 2 4 8
SCALE IN FEET 1/4"=1'-0"

FLOAT FRAMING AND HARDWARE

PROPOSED DOCK
185 RIVERSIDE DRIVE
SOUTH KINGSTOWN, RI

FLOATING DOCK FRAMING

PREPARED BY:

Russell Morgan, P.E.
49 Pond Street
Wakefield, RI 02879

PREPARED FOR:

Karissa and Erik Wallin
185 Riverside Drive
South Kingstown, RI

PROJECT NO.

DATE:

JULY 30, 2018

DESIGNED BY:

RJM

REVIEWED BY:

RJM

PROJECT NO.

18-03

CHECKED BY:

SCALE:

REVISION NO.

REV NO

FIG

7

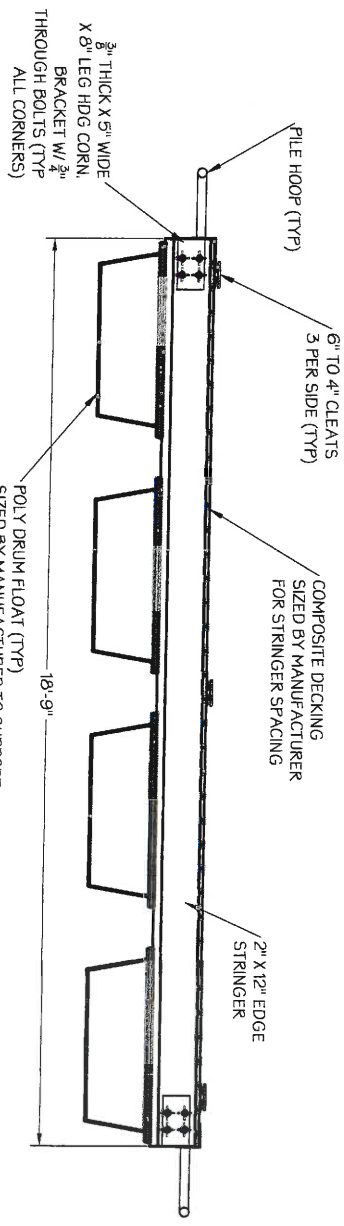
SHEET NO.

XX OF XX

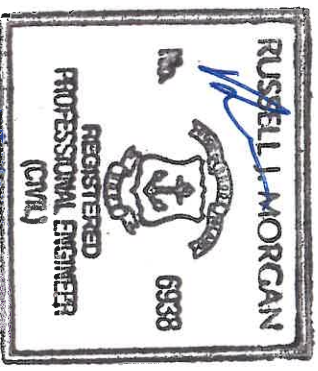
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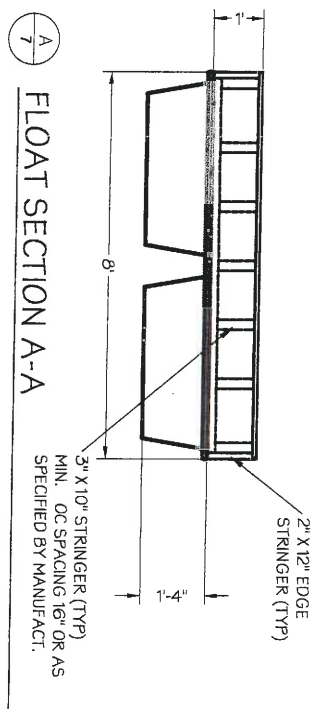
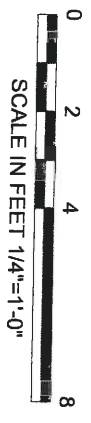
COASTAL DESIGNATIONS
MANAGEMENT & CONTROL



LONGITUDINAL FLOAT SECTION



8/1/18



FLOAT SECTION A-A

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60ASTAL RESOURCES
MANAGEMENT/ISSUE/DESCRIPTION

NO. BY DATE

PROPOSED DOCK
185 RIVERSIDE DRIVE
SOUTH KINGSTOWN, RI

FLOATING DOCK SECTIONS

PREPARED BY:
Russell Morgan, P.E.
49 Pond Street
Waketield, RI 02879

PROJ MGR: RJM
DESIGNED BY: RJM
DATE: JULY 30, 2018

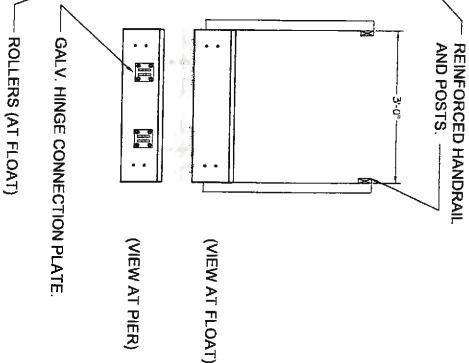
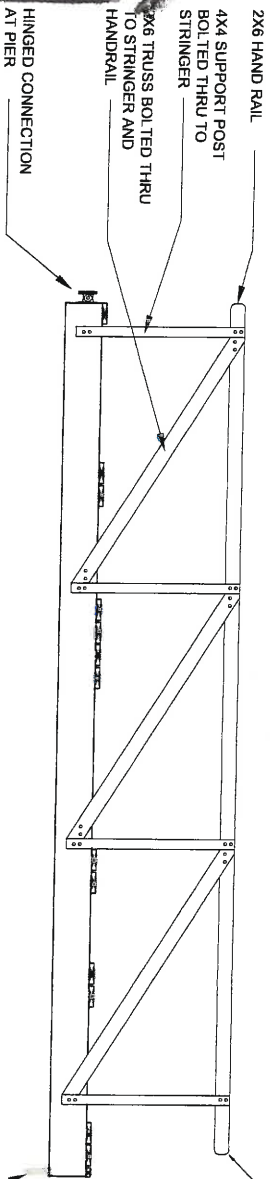
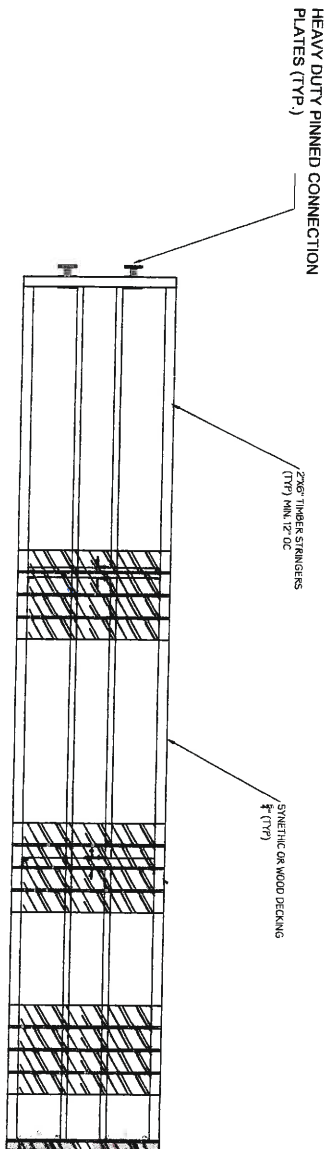
PREPARED FOR:
Karlissa and Erik Wallin
185 Riverside Drive
South Kingstown, RI

CHECKED BY: CKD
SCALE:
PROJECT NO. 18-03
REVISION NO. 0

FIG 8
SHEET NO. XX OF XX

NOTE:
1. ALUMINUM PREFABRICATED RAMP MAY BE USED. MANUFACTURER SHALL CERTIFY FOR LOADING REQUIREMENTS.

RAMP FRAMING (NTS)



RAMP LONG. AND END ELEV. (NTS)



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COASTAL RESOURCES
MANAGEMENT/DESIGN/CONSTRUCTION

NO. BY DATE

RAMP FRAMING/SECTION

PROPOSED DOCK
185 RIVERSIDE DRIVE
SOUTH KINGSTOWN, RI

PREPARED BY:
Russell Morgan, P.E.
49 Pond Street
Wakefield, RI 02879

PREPARED FOR:
Kanssa and Erik Wallin
185 Riverside Drive
South Kingstown, RI

PROJ MGR: RJM
DESIGNED BY: RJM
DATE: JULY 30, 2018

REVIEWED BY:
DRAWN BY: RJM
PROJECT NO. 18-03

CHECKED BY:
SCALE: NTS
REVISION NO. 0

FIG 9
SHEET NO. XX OF XX

1. DESIGN LIVE LOAD FOR THE FIXED PIER AND FLOATING DOCK: 40 PSF UNIFORM OR 400 LB/FT CONCENTRATED LOAD.
2. ALL WORK TO BE PERFORMED IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL CODES.
3. VERTICAL DATUM IS MEAN LOW WATER (MLW) = EL. 0.00 FEET, MEAN HIGH WATER (MHW) = EL. +19.9 FEET. DATUM DETERMINED BY "VERY SHOT SKID THE SURVEY" METHOD AT THE BRIDGE/OWN BRIDGE. THE 100 YEAR FEMAL FLOOD MAP # 44009C020205, DATED 10/6/2016, INDICATED SITE DESIGNATION IS AE WITH A FLOOD ELEVATION OF 11 FT (NAVD 83 DATUM).

4. SITE ELEVATIONS DETERMINED USING A DIFFERENTIAL GPS SYSTEM (LEICA ZENOS 20) SURVEY GRADE GPS WITH ACCURACY LESS THAN 0.1 FEET (SITE SURVEY ACCURACY FOR SUBJECT PROJECT APPROXIMATELY 0.06 FEET).
5. THE OWNER AND ENGINEER MAKE NO WARRANTY REGARDING THE ACCURACY OF THE INFORMATION PRESENTED IN THESE DRAWINGS REGARDING EXISTING CONDITIONS.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ENVIRONMENTAL PROTECTION AND KEEPING THE SURROUNDING WATERS CLEAN AND FREE OF ALL WASTE MATERIAL.
7. ALL DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
8. THE INSTALLATION OF A HANDRAIL ALONG THE FIXED PIER SHALL BE AT THE DISCRETION OF THE PROPERTY OWNER.
9. FACILITY IS TO BE USED TO BEACH TWO 20 FT VESSELS. UTILITIES TO BE INSTALLED ON DOCK INCLUDE ELECTRICAL AND WATER.
10. CONSTRUCTION MATERIALS AND DEMOLITION DEBRIS WILL NOT BE STORED ON SITE.

1. ALL PILES SHALL BE CLASS A SOUTHERN YELLOW PINE CONFORMING WITH ASTM D25 STANDARD SPECIFICATION FOR ROUND TIMBER PILES WITH A MINIMUM TIP DIAMETER OF 10" AND MINIMUM BUTT DIAMETER OF 12".
2. ALL PILING AND DECENDING SHALL BE NO. 1 GRADE IN ACCORDANCE WITH THE NATIONAL DESIGN STANDARDS
3. ALL TIMBER TO BE TREATED IN ACCORDANCE WITH AN/A BOOK OF STANDARDS TO THE FOLLOWING REQUIREMENTS:
 - a. TIMBER PILES AND CROSS BRACING TO BE TREATED TO A RETENTION OF 2.5 POUNDS PER CUBIC FOOT OF CHROMIATED COPPER ARSENATE (CCA)
 - b. ALL CAPS AND STRINGERS TO BE TREATED WITH EITHER CCA OR ALKALINE COPPER QUATERNARY (ACQ) TO A RETENTION OF 0.6 POUNDS PER CUBIC FOOT.
 - c. ALL DECENDING AND RAILING TO BE TREATED WITH ACQ TO A RETENTION OF 0.6 PCF IN ACCORDANCE WITH ASTM A953, ASTM F2323.
 - d. ALL CARRIAGE BOLTS SHALL BE INSTALLED WITH HEAVY WASHERS AND SECURED BY DEFORMING SEVERAL THREADS AT THE HEAD OF THE BOLT.

6. STAIRING BETWEEN EACH STRINGER/JOIST TO SPLIT CAP SHALL CONSIST OF ONE TIEDOWN STAIR PER STRINGER (TWO AT EACH CAP IF APPLIED). TIEDOWN SHALL CONSIST OF SIMPSON STRIGGS-505 (STAINLESS STEEL CONNECTOR AND FASTENERS).
7. STRINGERS SHALL BE SPACED WITH AT LEAST 2 - 1/2" BOLTS PER STRINGER AND THROUGH BOLTED TO PLATE WITH 2 - 1/2" BOLTS.
8. DECKING SHALL CONSIST OF STP NO 1 GRADE 2X6 SPACED 1/4" APART OR PLAT BY 6" SYNTHETIC DECKING. SYNTHETIC DECKING MANUFACTURER SHALL SPECIFY REQUIREMENTS.
9. STRINGER SPACING.
10. DECKING SHALL BE INSTALLED WITH APPROXIMATELY 1/4" GAP BETWEEN DECK BOARDS.
11. DECK SHALL BE ATTACHED TO EACH STRINGER USING TWO STAINLESS STEEL SCREWS MEETING ASTM TYPE 304 OR 316.

1. ALL CONNECTION HARDWARE, STEEL PLATES, INSERTS, AND FASTENERS TO BE DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A-123, AND A-153 CLASS C.

1. DESIGN AND FABRICATE TIMBER OR ALUMINUM GANGWAY AS SHOWN IN THE DRAWINGS.

2. ALUMINIUM GANGWAY SHALL BE FABRICATED WITH HIGH STRENGTH MARINE GRADE ALUMINIUM EXTRUSION FRAMING, ALUMINIUM DECK WITH RIBBED OR NON-SLIP SURFACE ALUMINIUM PIRE RAILING AND HINGED ALUMINIUM THRESHOLD/FLIP PLATES AT TOP AND BOTTOM.

3. GANGWAY WIDTH INDICATED IN THE DRAWINGS IS THE CLEAR WIDTH BETWEEN HANDRAILS. RAILING HEIGHT ABOVE THE GANGWAY SURFACE SHALL BE 42 INCHES.
4. THE GANGWAY SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER AND SHALL BE CAPABLE OF SUPPORTING A MINIMUM UNIFORM LIVE LOADING OF 40 PSF OR 400 POUND CONCENTRATED LOAD WITH DEFLECTION DUE TO COMBINED LIVE AND DEAD LOAD NOT TO EXCEED 1/400 OF THE GANGWAY LENGTH.
5. RAILING SYSTEM SHALL BE MOUNTED ON BOTH SIDES OF THE GANGWAY AND SHALL BE FABRICATED OF 1 1/2 INCH DIAMETER PIPE OR THERE CAPABLE OF SUPPORTING A 200 POUND CONCENTRATED LOAD OR 50 PLF LOAD IN ANY DIRECTION.
6. THE FLOAT END OF THE GANGWAY SHALL BE FITTED WITH NON-MARKING DURABLE ROLLERS. THE DOCK CONNECTION FOR THE GANGWAY SHALL BE A HINGE CAPABLE OF SUPPORTING THE COMBINED LIVE AND DEAD LOAD REACTION PLUS A LATERAL LOAD OF 50% OF THE LIVE LOAD REACTION.
7. ALUMINUM PLATES AND SHAPES SHALL BE FABRICATED FROM ALLOY 6061-T6 OR 6061-T831 SUITABLE FOR MARINE USE. HARDWARE SHALL BE STAINLESS STEEL, TYPE 304 OR 316, SUITABLE FOR MARINE USE.
8. DESIGN PROVIDE AND INSTALL FLOATING DOCK OF THE SIZE INDICATED IN THE DRAWINGS. THE FLOATING DOCK SHALL PROVIDE BETWEEN 15 INCHES AND 18 INCHES OF FREEBOARD UNDER DEAD LOADING AND SHALL BE CAPABLE OF SUPPORTING A

11. FLOATING DOCK FRAMING, DECK AND FLOATATION UNITS SHALL ACT TOGETHER TO RESIST AND TRANSMIT ALL IMPOSED LOADING. DOCK FRAMING SHALL BE A MINIMUM OF 1" SOUTHERN YELLOW PINE.
12. DECKING SHALL CONSIST OF 2" X 6" OR 1" GRADE 2X6 SPACED 1/4" APART OR 5/4" BY 6" SYNTHETIC DECKING. SYNTHETIC DECKING MANUFACTURER SHALL SPECIFY REQUIRED MINIMUM STRINGER SPACING.
13. ALL CARBON STEEL HARDWARE SHALL BE HOT DIP GALVANIZED, STAINLESS STEEL HARDWARE SHALL BE TYPE 304 OR 316, SUITABLE FOR MARINE USE.

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AUG 12 2018

COASTAL RESOURCES

1

1

**PROPOSED DOCK
185 RIVERSIDE DRIVE
SOUTH KINGSTOWN, RI**

NOTES

PREPARED BY:

Russell Morgan, P.E.

Wakefield, RI 02879

PREPARED FOR:

Karissa and Erik Wallin
185 Riverside Drive
South Kingstown, RI

FIG

10

XX OF XX