



Oliver Stedman Government Center
4808 Tower Hill Road; Suite 116
Wakefield, RI 02879
401-783-3370

PUBLIC NOTICE

File Number: 2018-02-025 Date: March 9, 2018

This office has under consideration the application of: **Brown University**, Department of Facilities Management, Box 1941, 295 Lloyd Avenue, Providence, RI 02912

for a State of Rhode Island Assent to:

Construct 139 linear feet of new replacement bulkhead along the immediate seaward edge of the existing bulkhead, maintain 80 linear feet of existing riprap revetment by removing remnant pilings and debris and add additional stone to repair the revetment slope; renovate and expand the existing timber pier from 3,161sq. ft. to 3,512 sq. ft., install a new 30 ft. x 30 ft. ramp, shift the existing 16 ft. x 120 ft. terminal float seaward by approximately 25 and add a new 16 ft. x 15 ft. float to the south end of the relocated terminal float, add a new 8 ft. x 70 ft. float and 8 ft. x 55 ft. float on the landward side of the terminal float to be connected to the expanded timber pier by two 3 ft. x 25 ft. gangways (one for each new float). Modify the structural perimeter limit to accommodate the expanded facility.

Project Location:	Marston Boat House – 250 India Street
City/Town:	Providence
Plat/Lot:	Plat 17, Lot 54
Waterway:	Seekonk River

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

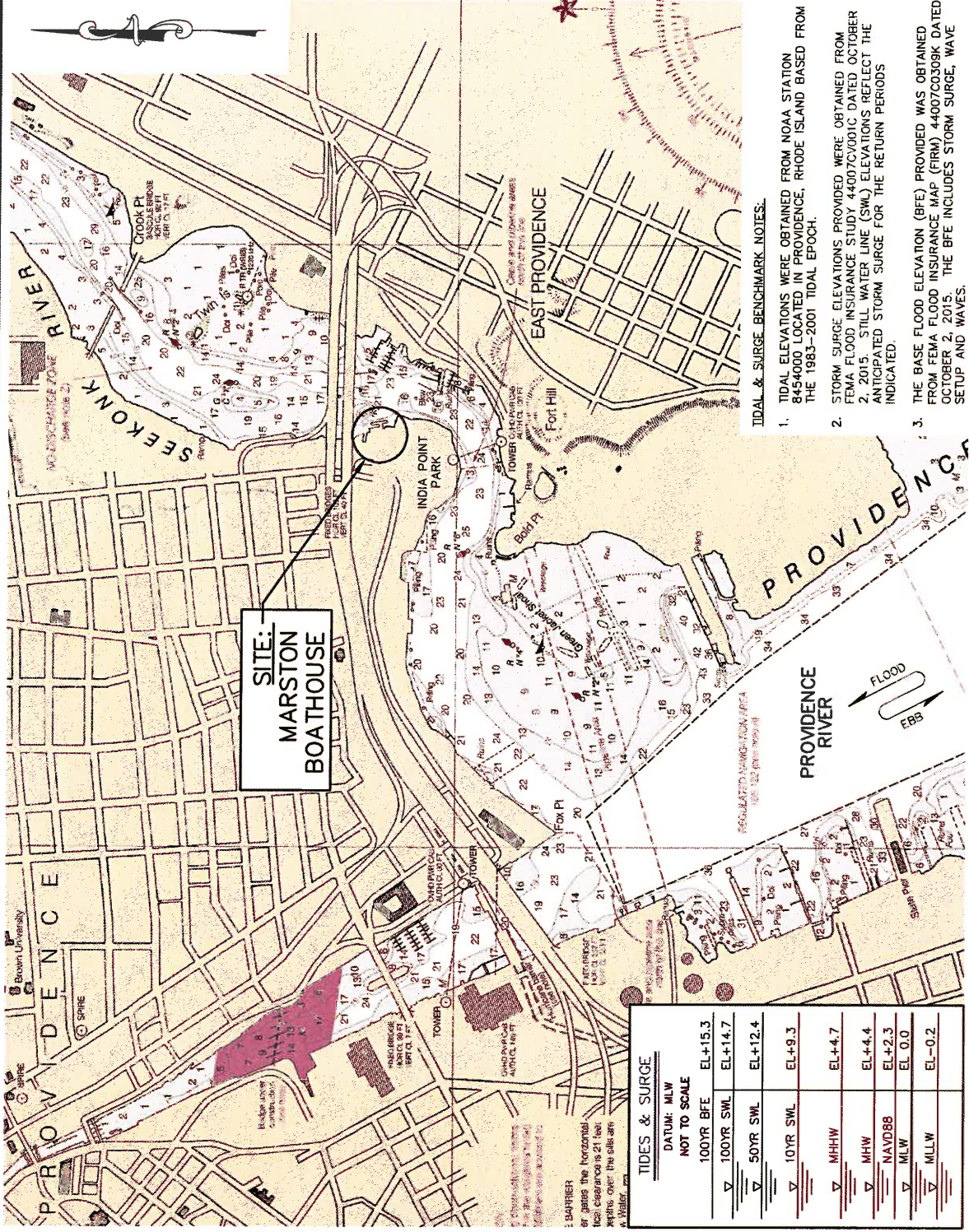
In accordance with the Administrative Procedures Act (Chapter 42-35 of the Rhode Island General Laws) you may request a hearing on this matter.

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 April 9, 2018.



FILE COPY



TIDES & SURGE	
DATUM: MLW	
NOT TO SCALE	
100YR BFE	EL+15.3
100YR SWL	EL+14.7
50YR SWL	EL+12.4
10YR SWL	EL+9.3
MHHW	EL+4.7
MHW	EL+4.4
NAVD88	EL+2.3
MLW	EL 0.0
MLLW	EL-0.2



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

No.	Revision	Date	App.



0 750 FT 1500 FT
GRAPHIC SCALE

Client/Owner:
BROWN UNIVERSITY
MARSTON BOATHOUSE
SITE LOCATION:
250 INDIA STREET, PROVIDENCE, RI

Issued for:
REGULATORY REVIEW
NOT FOR CONSTRUCTION

Drawing Title:
VICINITY CHART
NOAA CHART #13225 (APRIL, 2016)
MARSTON BOATHOUSE
WATERFRONT IMPROVEMENTS



No. 7949
REGISTERED PROFESSIONAL ENGINEER
CIVIL 1/25/2008

Date: 1/25/2018
Scale: 1"=750'FT

Designed By:	AJK
Drawn By:	AJK
Checked by:	MNG
Project Number:	2017-16
Sheet	1 of 8
Drawing Number:	V-1

- TIDAL & SURGE BENCHMARK NOTES:**
- TIDAL ELEVATIONS WERE OBTAINED FROM NOAA STATION 8454000 LOCATED IN PROVIDENCE, RHODE ISLAND BASED FROM THE 1983-2001 TIDAL EPOCH.
 - STORM SURGE ELEVATIONS PROVIDED WERE OBTAINED FROM FEMA FLOOD INSURANCE STUDY 44007C001C DATED OCTOBER 2, 2015. STILL WATER LINE (SWL) ELEVATIONS REFLECT THE ANTICIPATED STORM SURGE FOR THE RETURN PERIODS INDICATED.
 - THE BASE FLOOD ELEVATION (BFE) PROVIDED WAS OBTAINED FROM FEMA FLOOD INSURANCE MAP (FIRM) 44007C0309K DATED OCTOBER 2, 2015. THE BFE INCLUDES STORM SURGE, WAVE SETUP AND WAVES.

This plan is a reduced reproduction and not plotted to the specified scale. For accurate measurement of dimensions and distances, refer to the original (full size) plan.

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COASTAL RESOURCES
MANAGEMENT COUNCIL



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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.

SITE PLAN NOTES:

1. UPLAND SITE INFORMATION INCLUDING PROPERTY BOUNDS, EXISTING CONDITIONS, FLOOD ZONES, AND WASHINGTON STREET BRIDGE WAS OBTAINED FROM THE SITE PLAN TITLED, "PLAN OF LAND" PREPARED BY SOUTH COUNTY SURVEY COMPANY DATED DECEMBER 14, 2017.
2. THE BATHYMETRY DEPICTED ON THIS DRAWING REPRESENTS THE RESULTS OF A SURVEY PERFORMED BY SEAVISION UNDERWATER SOLUTIONS, INC. ON DECEMBER 12, 2017 AND CAN ONLY BE CONSIDERED TO INDICATE THE GENERAL CONDITIONS EXISTING AT THAT TIME.
3. HYDROGRAPHIC SOUNDINGS OR CONTOURS PRESENTED HEREIN REPRESENT DEPTHS IN FEET FROM MEAN LOW WATER DATUM (MLWD). ALL BATHYMETRIC CONTOURS AND/OR SOUNDINGS ARE NEGATIVE UNLESS DENOTED WITH A PLUS (+).

REVIEW NOTES

1. REVETMENT DETAILS SHOWN ARE NOT BASED ON THE DESIGN EFFORTS OF HARBOR ENGINEERING, LLC BUT ARE BASED ON THE MIN. GUIDELINES ESTABLISHED BY THE RHODE ISLAND COASTAL RESOURCES PROGRAM (CRMP) 650 RICR 20-00-01.3.1.G. CONSTRUCTION OF SHORELINE PROTECTION FACILITIES.
2. ARMOR STONE SPECIFICATIONS CONFORM WITH CRMP 650 RICR 20-00-01.3.1.G.5.g. FOR A LOCATION WITH AN EXPOSED FETCH OF 1 MILE.

LEGEND

---	PROPERTY LINE
---	APPROX. ADJUTER'S PROPERTY LINE
---	TOPOGRAPHIC CONTOUR LINE
---	FEMA SFHA DELINEATION*
---	CHAIN LINK FENCE
---	UNDERGROUND DRAINAGE LINE
---	UNDERGROUND TELECOM. LINE
---	SPOT ELEVATION (MLWD)
---	CATCH BASIN
---	DRAIN MANHOLE
---	TELECOM. MANHOLE
---	UTILITY POLE
---	GUY WIRE



HARBOR ENGINEERING, LLC

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Client/Owner:

BROWN UNIVERSITY

MARSTON BOATHOUSE

SITE LOCATION:

250 INDIA STREET, PROVIDENCE, RI

Issued for:

REGULATORY REVIEW

NOT FOR CONSTRUCTION

Drawing Title:

PROJECT NOTES

PROJECT NOTES

MARSTON BOATHOUSE

WATERFRONT IMPROVEMENTS

Date:	1/25/2018
Scale:	
Designed By:	AJK
Drawn By:	AJK
Checked By:	MNG
Project Number:	2017-16
Sheet 2 of 8	
Drawing Number:	N-1

AUGUST J. KREUZKAMP, III
No. 7949
REGISTERED PROFESSIONAL ENGINEER
CIVIL 1/23/2018

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COASTAL RESOURCES
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Client/Owner:

BROWN UNIVERSITY

MARSTON BOATHOUSE

SITE LOCATION:

SITE LOCATION.
250 INDIA STREET; PROVIDENCE, RI

Issued for:

REGULATORY REVIEW

NOT FOR CONSTRUCTION

Drawing Title:

EXISTING CONDITIONS

SITE PLAN (MILWD)

MARSTON BOATHOUSE

WATERFRONT IMPROVEMENTS

Date:	1/25/2010
Scale:	1"=40FT
Designed By:	AJK
Drawn by:	AJK
Checked by:	MNG
Project Number:	2017-16
Sheet	3 of 8
Drawing Number:	EX-1

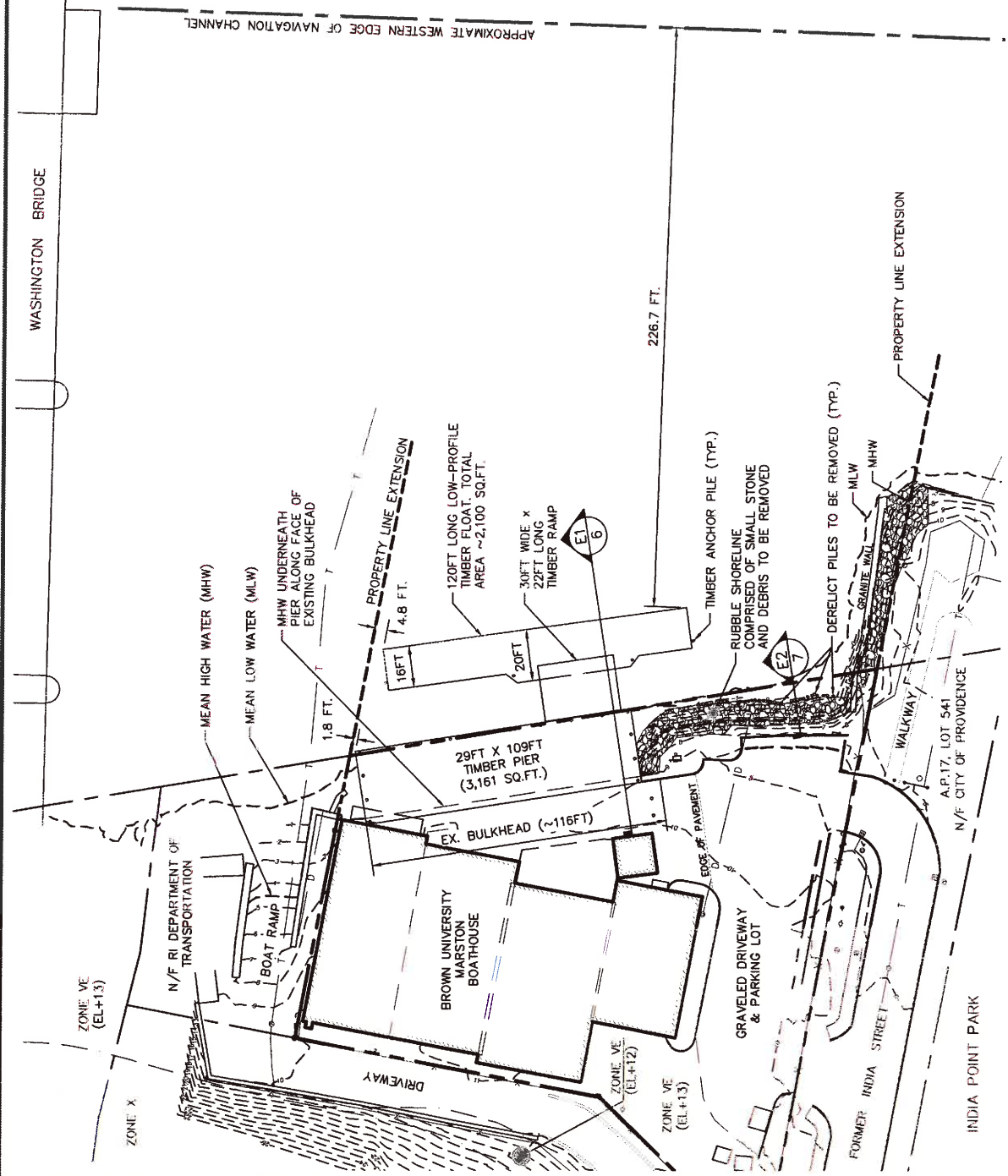


7949

NO.

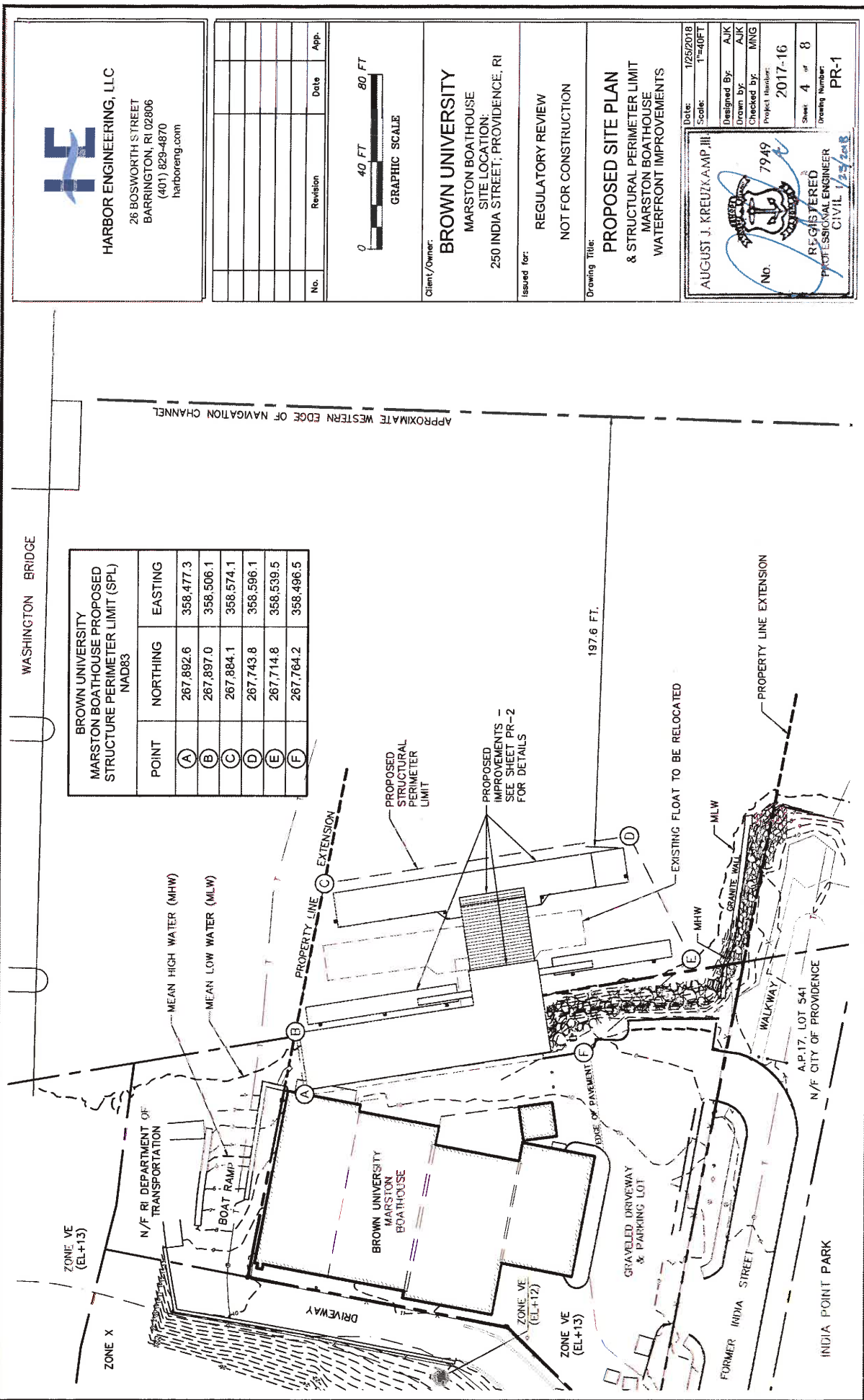
AUGUST J. KREUTZKAMP, III

REGISTERED
PROFESSIONAL ENGINEER
CIVIL



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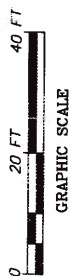
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SITE LOCATION:
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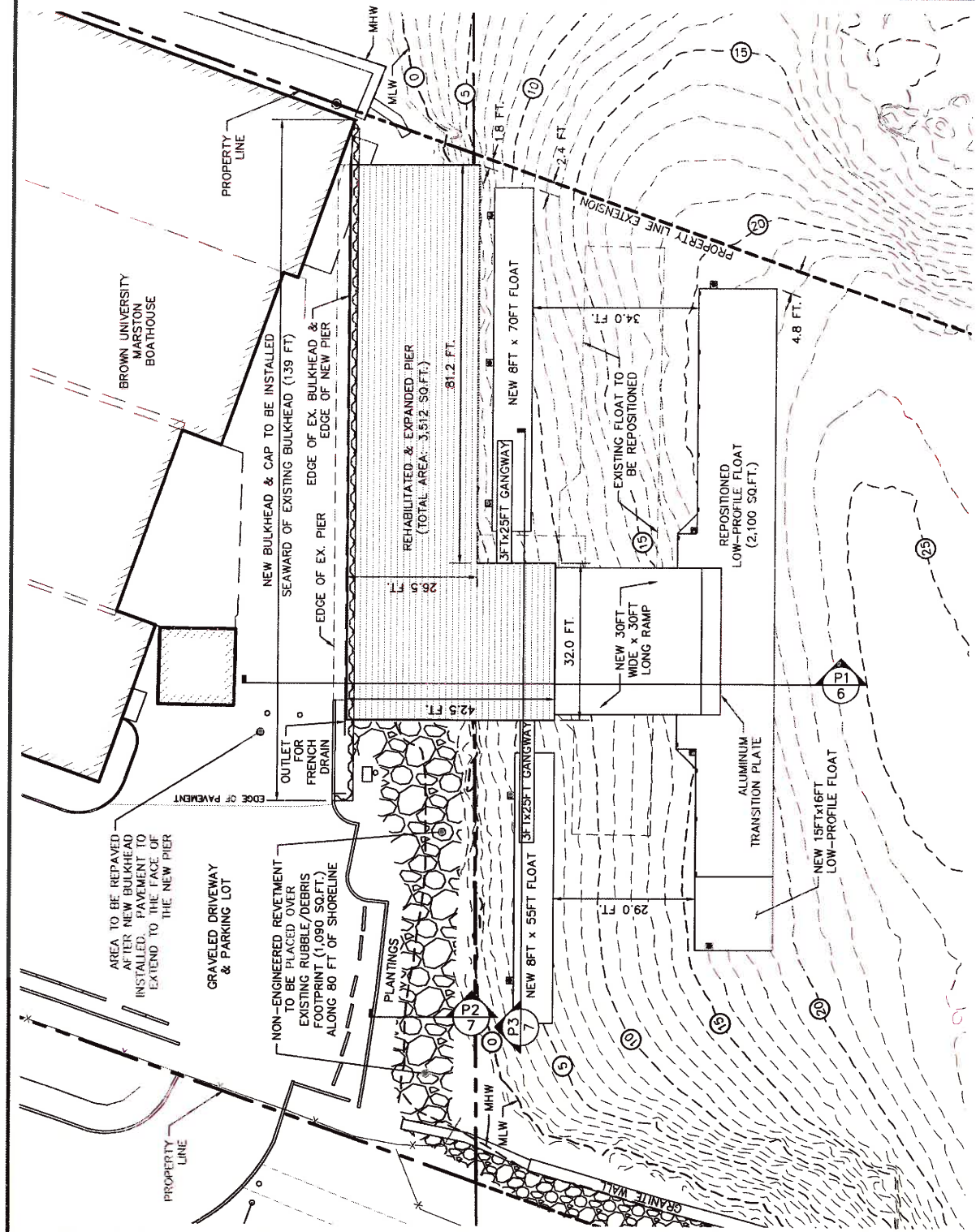
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Drawing Title:

PROPOSED SITE PLAN & AREA BATHYMETRY (MLWD) MARSTON BOATHOUSE WATERFRONT IMPROVEMENTS

Date: 1/25/2018
 Scales: 1"=20FT
 Designed By: ALK
 Drawn by: ALK
 Checked by: MMG
 Project Number:
 2017-16
 Sheet 5 of 8
 Drawing Number:
 PR-2

AUGUST J. KREUZKAMP III
 7949
 No. 
 REGISTERED
 PROFESSIONAL ENGINEER
 CIVIL 12/31/2018

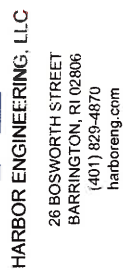


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MANAGEMENT COUNCIL

[illegible]

Client/Owner: **BROWN UNIVERSITY**
MARSTON BOATHOUSE
SITE LOCATION: 250 INDIA STREET, PROVIDENCE, RI

Issued for:
REGULATORY REVIEW
NOT FOR CONSTRUCTION

CROSS-SECTIONS
E1 & P1
MARSTON BOATHOUSE
WATERFRONT IMPROVEMENT

Date:	1/25/2018
Scale:	1"=10'FT
Designed By:	AJK
Drawn by:	AJK
Checked by:	MNG
Project Number:	2017-16
Sheet	6 of 8
Drawing Number:	X-1

AUGUST J. KREUZKAMP III

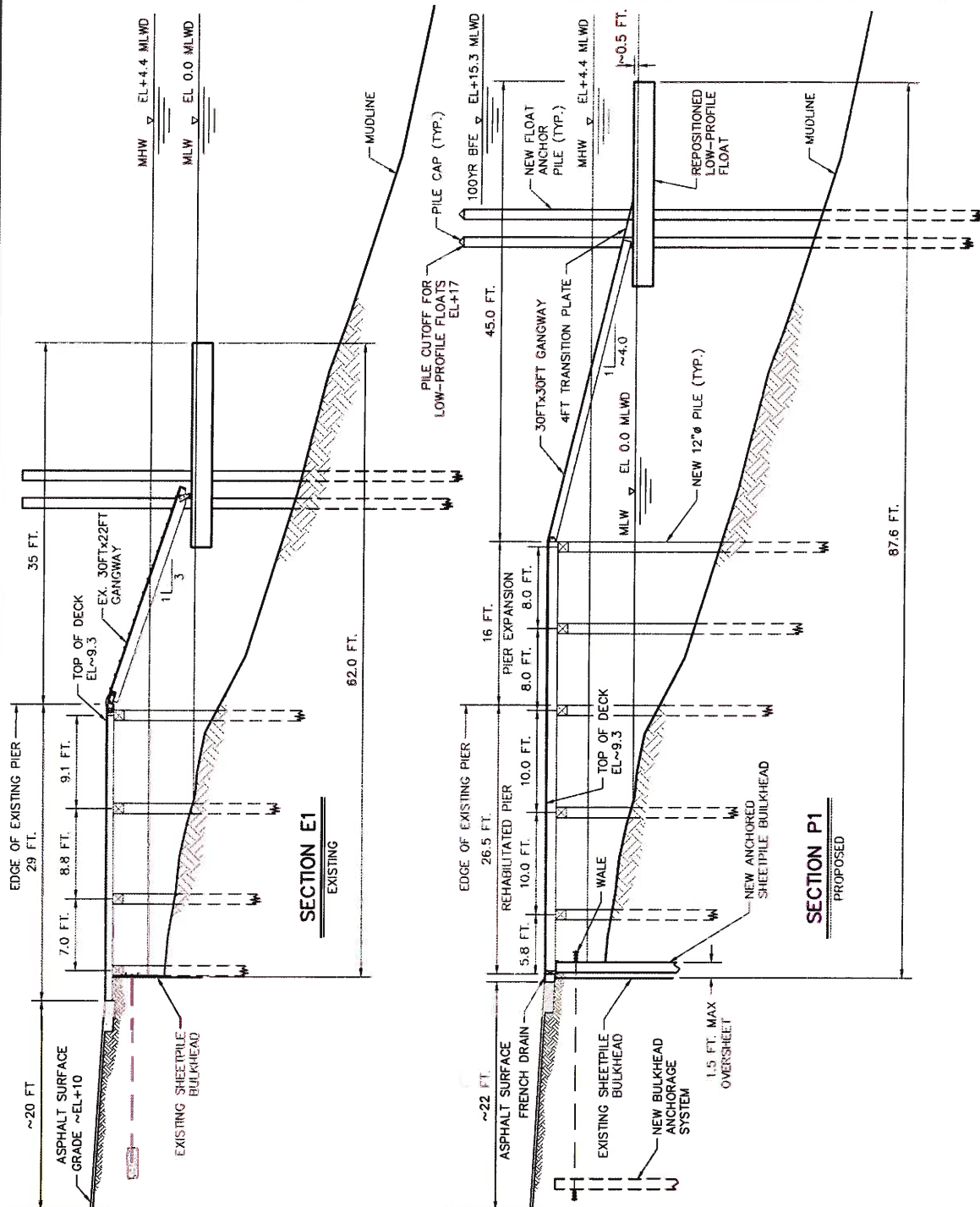


No. 7949

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PROFESSIONAL ENGINEER

CIVIL

1/25/2018

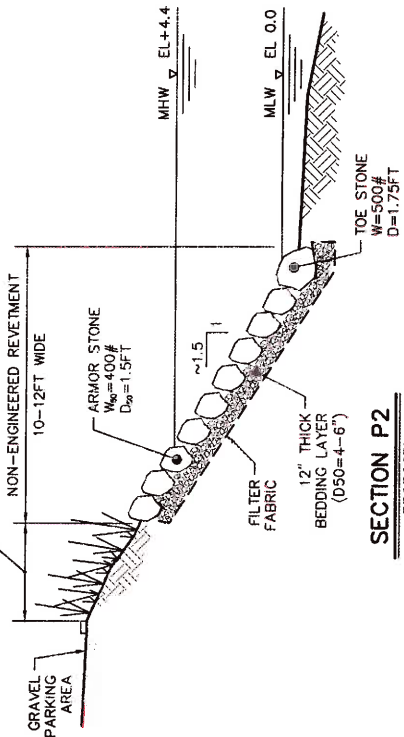


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- VEGETATED AREA TO REMAIN



SECTION P2

PROPOSED
SCALE: 1"=5FT

[illegible]

Client/Owner:

BROWN UNIVERSITY

MARSTON BOATHOUSE

SITE LOCATION:

SITE LOCATION.
250 INDIA STREET; PROVIDENCE, RI

Issued for:

REGULATORY REVIEW

NOT FOR CONSTRUCTION

Drawing Title:

CROSS-SECTIONS

E2, P2 & P3

MARSTON BOATHOUSE

WATERFRONT IMPROVEMENTS

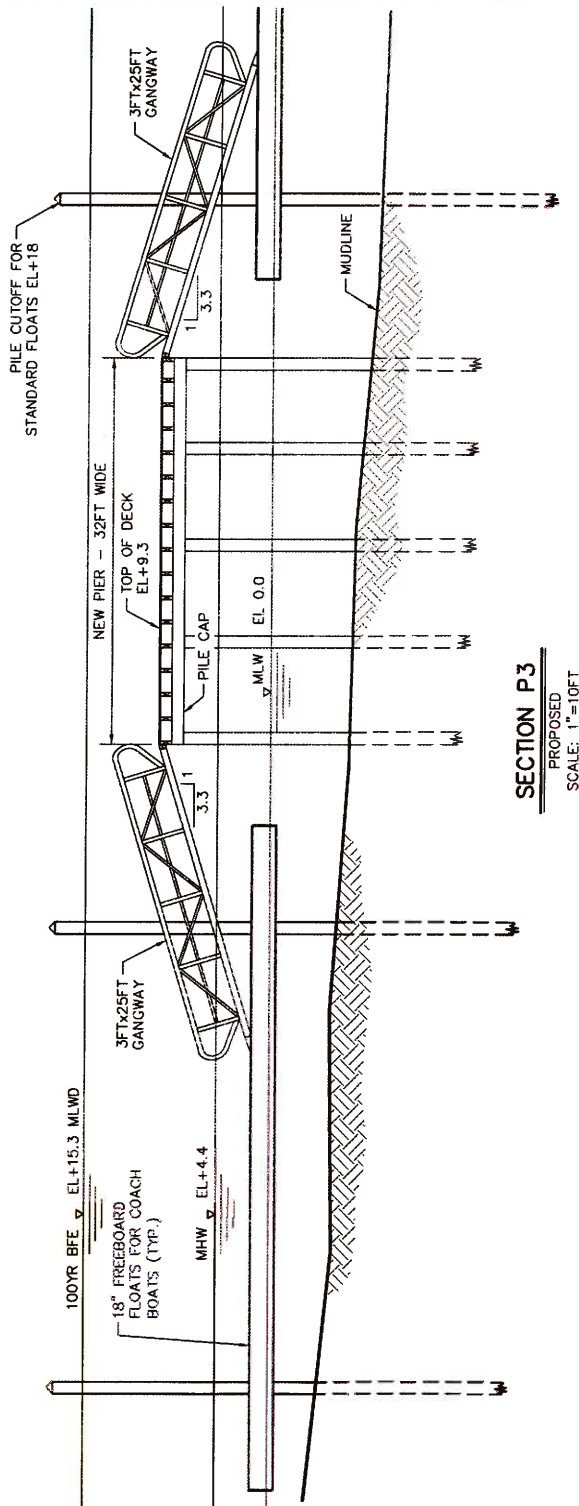
Date:	1/25/2018
Grade:	VARIES
Designed By:	AIJK
Drawn by:	AIJK
Checked by:	MNG
Project Number:	2017-16
Sheet	7 of 8
Drawing Number:	X-2

AUGUST J. KREUZKAMP, III



No. 7949

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PROFESSIONAL ENGINEER
CIVIL 1/25/2018



PROPOSED
SCALE: 1"=10FT

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MARSTON BOATHOUSE
SITE LOCATION:
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**PROPOSED VESSEL
DOCKING CONFIGURATION
MARSTON BOATHOUSE
WATERFRONT IMPROVEMENTS**

Date:	12/5/2018
Scale:	1"=20'F
Designed By:	AJK
Drawn by:	AJK
Checked by:	MNG
Project Number:	2017-16
Sheet	8 of 8
Drawing Number:	B-1



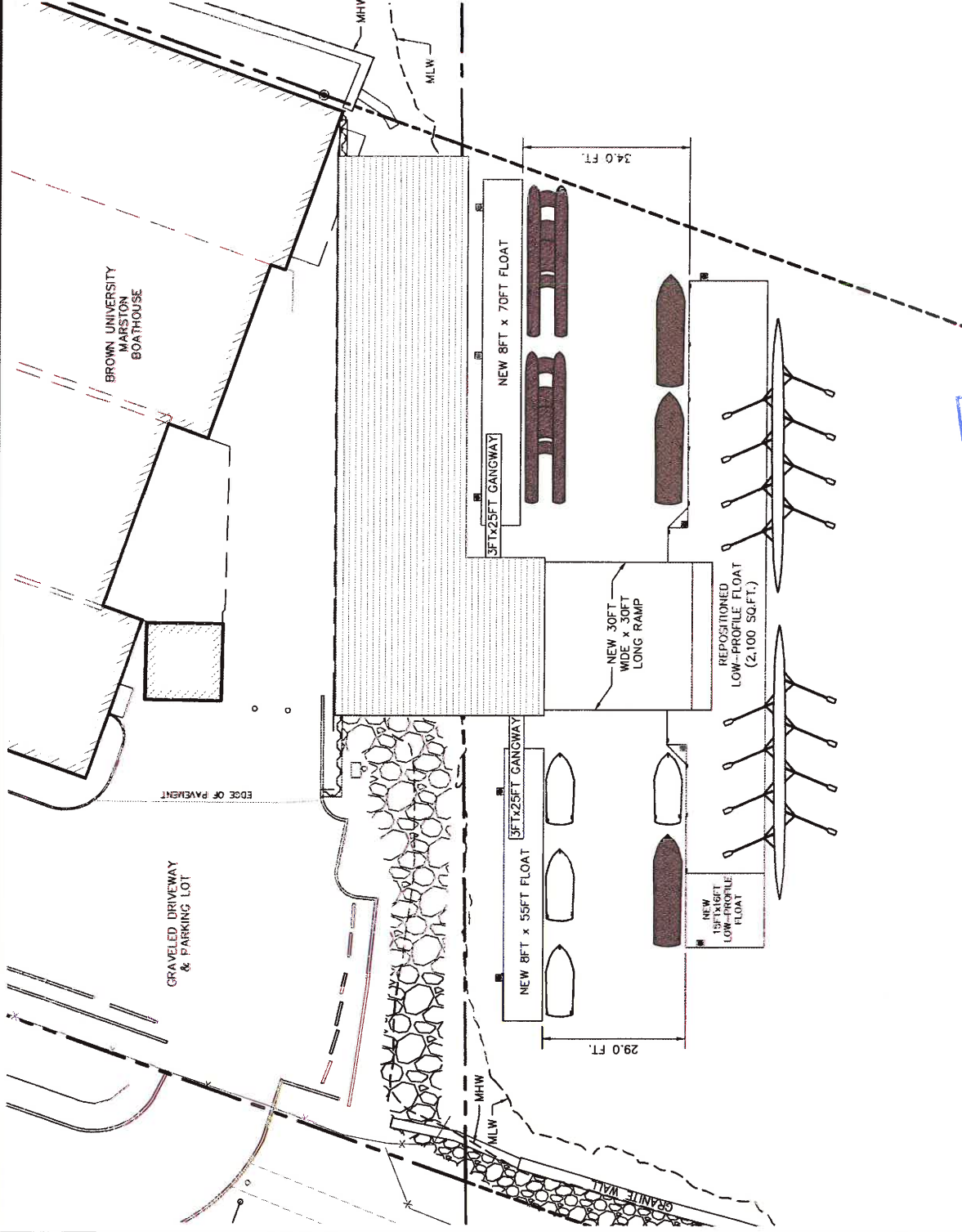
7949

No. _____

AUGUST J. KRUZKAMP, III

REGISTERED PROFESSIONAL ENGINEER

CIVIL 12/5/2018



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