

JOINT
PUBLIC NOTICE

CHARLESTON DISTRICT, CORPS OF ENGINEERS
69A Hagood Avenue
Charleston, SC 29403-5107
and
THE S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
Office of Ocean and Coastal Resource Management
1362 McMillan Avenue, Suite 400
North Charleston, South Carolina 29405

REGULATORY DIVISION
Refer to: P/N SAC-2021-00895

June 25, 2021

Pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403), Sections 401 and 404 of the Clean Water Act (33 U.S.C. 1344), and the South Carolina Coastal Zone Management Act (48-39-10 et.seq.), an application has been submitted to the Department of the Army and the S.C. Department of Health and Environmental Control by

Mr. Zak Haylash
Carolina Yacht Club
50 East Bay Street
Charleston, South Carolina 29401

for expand an existing marina in the

Charleston Harbor

at the Carolina Yacht Club marina at 50 East Bay Street, in Charleston County, South Carolina (Latitude: 32.7731 °, Longitude: -79.9272 °), Quad Sheet- Charleston.

In order to give all interested parties an opportunity to express their views

NOTICE

is hereby given that written statements regarding the proposed work will be received by the **Corps** until

15 Days from the Date of this Notice,

and **SCDHEC** will receive written statements regarding the proposed work until

30 Days from the Date of this Notice

from those interested in the activity and whose interests may be affected by the proposed work.

The proposed work consists of expanding and improving the Carolina Yacht Club marina. In detail, the applicant proposes to expand the dock footprint to the east and south of the existing position to include a total of 4,710 linear feet of temporary in-water boat storage and approximately 1,300 feet of jet dock storage (52 count). The revised marina layout will produce more efficient

water space use for berthing and navigation. For the existing dock tree, this will include realigning the walkway and adding floating finger piers for side-tie dockage of small boats. Each of the thirteen 8' x 50' long finger piers are intended to accommodate up to 4 small vessels on side-tide during peak conditions. The floating dock will be anchored on piles. The revised marina layout will also include a new floating dock within the increased water area that will also be anchored on piles. The dock walkway will host 52 floating jet docks and will serve vessels up to 25' in length. The proposed floating wave attenuator will provide eight additional 8' x 50' floating finger piers to provide short term dockage. The existing boat ramp floating staging dock is proposed to be lengthened by 87' to provide more queuing dockage to help during periods of peak boating activity. The proposed additional wave attenuators are aligned to provide protection to the entire marina basin. The "plug dock" at the northern entrance to the marina will also be extended by 74.2' to maintain harbor tranquility. The attenuators are proposed to be constructed of concrete and will be held in place by a combination of chain and concrete anchors.

In addition, a 7,440 square foot over-water piled platform is proposed adjacent to the parking lot between the existing fixed concrete pier and the existing boathouse building. The platform will offer a gathering area for members during water-related events including regattas, provide improved access to the marina and sailing center, and provide outdoor instructional areas for the sailing programs. It will also be in an area that has been historically subject to significant accretion and shallowing which has prohibited access for boats and installation of floating docks without performing regular maintenance dredging.

A floating sailing center is proposed adjacent to the piled platform and will be located north of the marina access pier. It will be 36' x 82' and consist of a two-story building on a floating dock pad with outdoor floating storage. It will be designed for ground-out conditions. Lastly, the applicant proposes to demolish the existing concrete pier and piles and replace it with a new concrete pier in the same footprint. The applicant has not proposed mitigation as the impacts are shading over unconsolidated river bottom. The project purpose is to improve and upgrade the existing floating dock facility in line with the current and future membership needs, to improve capacity for the sailing education programs, and to help reduce ongoing requirements for maintenance dredging.

NOTE: This public notice and associated plans are available on the Corps' website at:
<http://www.sac.usace.army.mil/Missions/Regulatory/PublicNotices> .

The District Engineer has concluded that the discharges associated with this project, both direct and indirect, should be reviewed by the South Carolina Department of Health and Environmental Control in accordance with provisions of Section 401 of the Clean Water Act. As such, this notice constitutes a request, on behalf of the applicant, for certification that this project will comply with applicable effluent limitations and water quality standards. The work shown on this application must also be certified as consistent with applicable provisions of the Coastal Zone Management Program (15 CFR 930). This activity may also require evaluation for compliance with the S. C. Construction in Navigable Waters Permit Program. State review, permitting and certification is conducted by the S. C. Department of Health and Environmental Control. The District Engineer will not process this application to a conclusion until such certifications are received. The applicant is hereby advised that supplemental information may be required by the State to facilitate the review.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. Implementation of the proposed project would impact 0.89 acres of estuarine substrates utilized by various life stages

of species comprising the shrimp, and snapper-grouper management complexes. The District Engineer's initial determination is that the proposed action would not have a substantial individual or cumulative adverse impact on EFH or fisheries managed by the South Atlantic Fishery Management Council and the National Marine Fisheries Service (NMFS). The District Engineer's final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

Pursuant to the Section 7 of the Endangered Species Act of 1973 (as amended), the Corps has reviewed the project area, examined all information provided by the applicant, and the District Engineer has determined, based on the most recently available information that the West Indian manatee, Atlantic sturgeon, shortnose sturgeon, green sea turtle, Kemp's Ridley sea turtle, leatherback sea turtle, loggerhead sea turtle, American wood stork, and Eastern black rail Federally endangered or threatened species have the potential to inhabit the vicinity of the project. However, it has been determined that the project will have no effect on sturgeon, sea turtles, American wood stork and the Eastern black rail and will not result in the destruction or adverse modification of designated or proposed critical habitat. In addition, the District Engineer has determined the project may affect, but is not likely to adversely affect the West Indian manatee. This public notice serves as a request for written concurrence from the U.S. Fish and Wildlife Service and/or the National Marine Fisheries Service on this determination.

Pursuant to Section 106 of the National Historic Preservation Act (NHPA), this public notice also constitutes a request to Indian Tribes to notify the District Engineer of any historic properties of religious and cultural significance to them that may be affected by the proposed undertaking.

In accordance with Section 106 of the NHPA, the District Engineer has consulted South Carolina ArchSite (GIS), for the presence or absence of historic properties (as defined in 36 C.F.R. 800.16)(f)(1)), and has initially determined that historic properties, are present; moreover, these historic properties may be affected by the undertaking. This public notice serves to notify the State Historic Preservation Office that the Corps plans to initiate Section 106 consultation on these historic properties. Individuals or groups who would like to be consulting parties for the purposes of the NHPA should make such a request to the Corps in writing within 30 days of this public notice. To ensure that other historic properties that the District Engineer is not aware of are not overlooked, this public notice also serves as a request to the State Historic Preservation Office and other interested parties to provide any information they may have with regard to historic properties.

The District Engineer's final eligibility and effect determination will be based upon coordination with the SHPO and/or THPO, as appropriate and required and with full consideration given to the proposed undertaking's potential direct and indirect effects on historic properties within the Corps-identified permit area.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state, with particularity, the reasons for holding a public hearing.

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the activity on the public interest. The benefit which reasonably may be expected to accrue from the project must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the project will be considered

including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production and, in general, the needs and welfare of the people. A permit will be granted unless the District Engineer determines that it would be contrary to the public interest. In cases of conflicting property rights, the Corps cannot undertake to adjudicate rival claims.

The Corps is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition or deny a permit for this project. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity. **Please submit comments in writing, identifying the project of interest by public notice number, to the following address:**

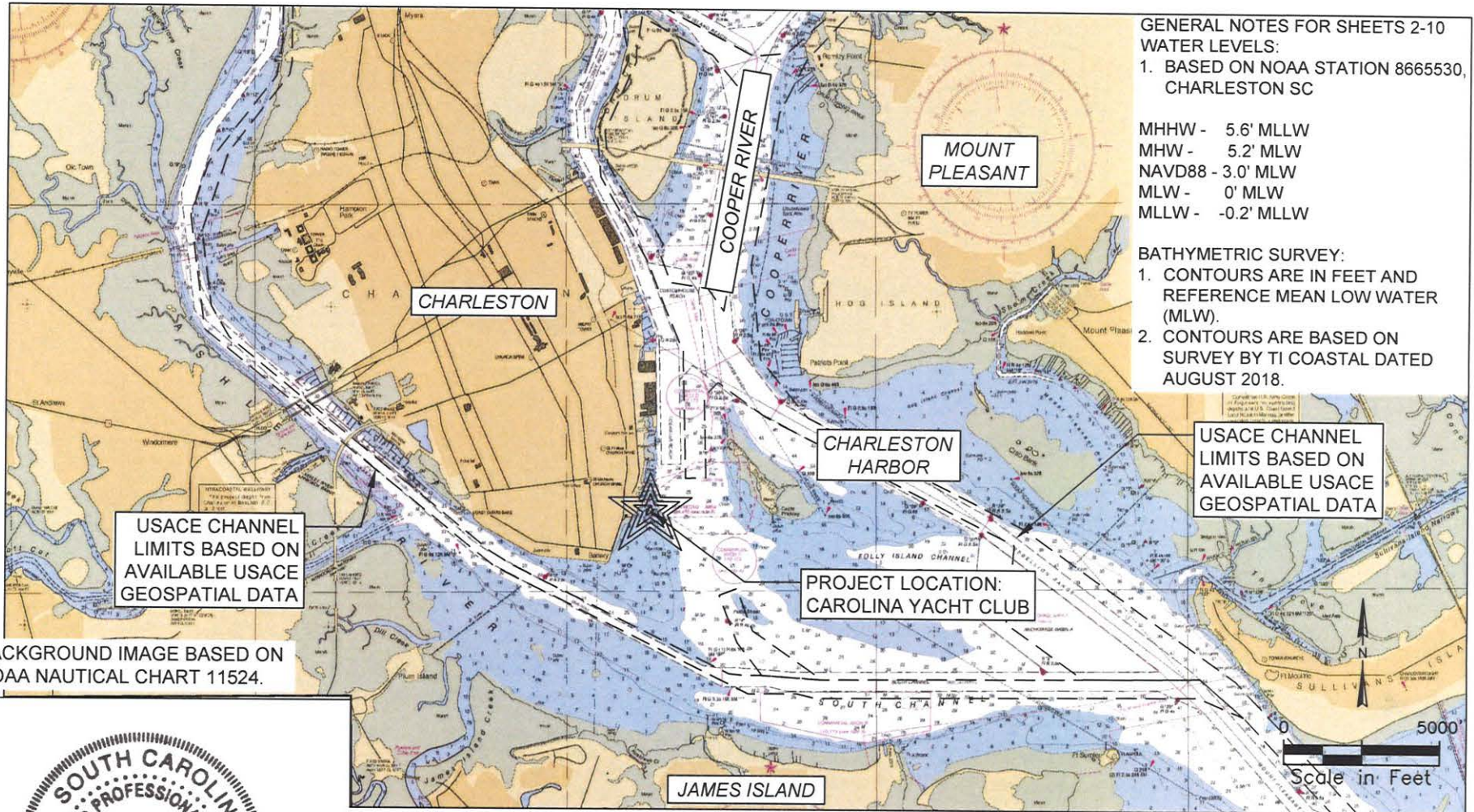
**U.S. Army Corps of Engineers
ATTN: REGULATORY DIVISION
69A Hagood Avenue
Charleston, SC 29403-5107**

If there are any questions concerning this public notice, please contact Chelsea B. Fannin, Project Manager, at (843) 329-8038, toll free at 1-866-329-8187, or by email at Chelsea.B.Fannin@usace.army.mil.

FOR PERMITTING PURPOSES ONLY
 "NOT FOR CONSTRUCTION"

CAROLINA YACHT CLUB MARINA IMPROVEMENTS

APPLICANT: CAROLINA YACHT CLUB
 PROJECT LOCATION: 50 EAST BAY STREET, CHARLESTON, SC



GENERAL NOTES FOR SHEETS 2-10
 WATER LEVELS:
 1. BASED ON NOAA STATION 8665530,
 CHARLESTON SC

MHHW - 5.6' MLLW
 MHW - 5.2' MLW
 NAVD88 - 3.0' MLW
 MLW - 0' MLW
 MLLW - -0.2' MLLW

BATHYMETRIC SURVEY:
 1. CONTOURS ARE IN FEET AND
 REFERENCE MEAN LOW WATER
 (MLW).
 2. CONTOURS ARE BASED ON
 SURVEY BY TI COASTAL DATED
 AUGUST 2018.

USACE CHANNEL
 LIMITS BASED ON
 AVAILABLE USACE
 GEOSPATIAL DATA

USACE CHANNEL
 LIMITS BASED ON
 AVAILABLE USACE
 GEOSPATIAL DATA

BACKGROUND IMAGE BASED ON
 NOAA NAUTICAL CHART 11524.



| | |
|------------|--|
| PROJECT: | Carolina Yacht Club Marina Improvements |
| WATERBODY: | Charleston Harbor |
| COUNTY: | Charleston |
| STATE: | South Carolina |
| LATITUDE: | 32°46'26.54"N |
| LONGITUDE: | 79°55'31.03"W |

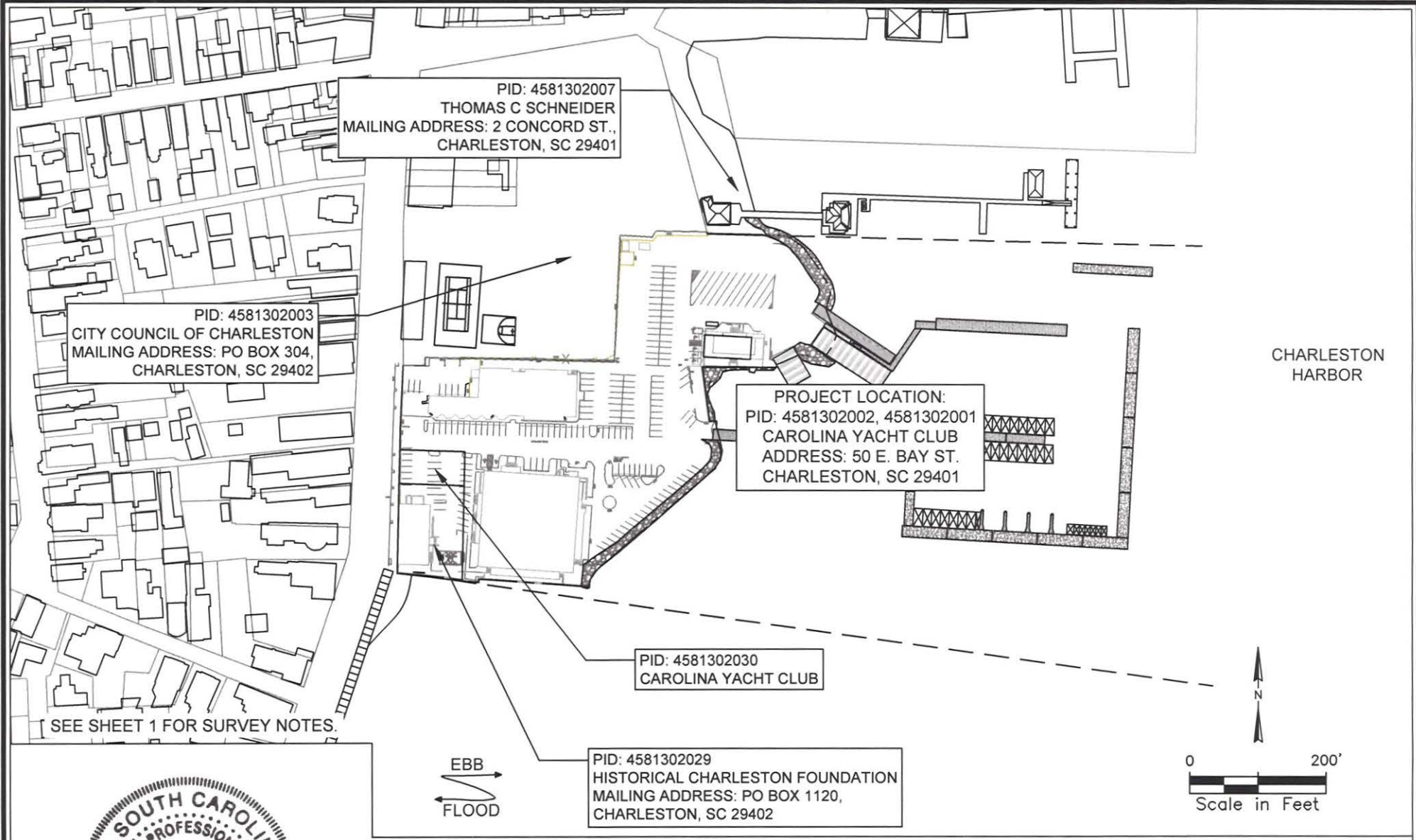
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| LOCATION MAP | |
| Applicant: Carolina Yacht Club | |
| Project Address: 50 East Bay Street, Charleston | |
| Parcel ID: 4581302002 | |



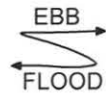
11-May-2021
 SHEET 01

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 NOTE: THESE DRAWINGS AND DESIGNS ARE STRICTLY CONFIDENTIAL AND PROTECTED BY INTERNATIONAL COPYRIGHT LAW. DETAILS MUST NOT BE DISCLOSED, REPRODUCED OR COMMUNICATED TO A 3rd PARTY IN ANY FORM OR MANNER WITHOUT THE PRIOR WRITTEN APPROVAL OF APPLIED TECHNOLOGY & MANAGEMENT.

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SEE SHEET 1 FOR SURVEY NOTES.



| | |
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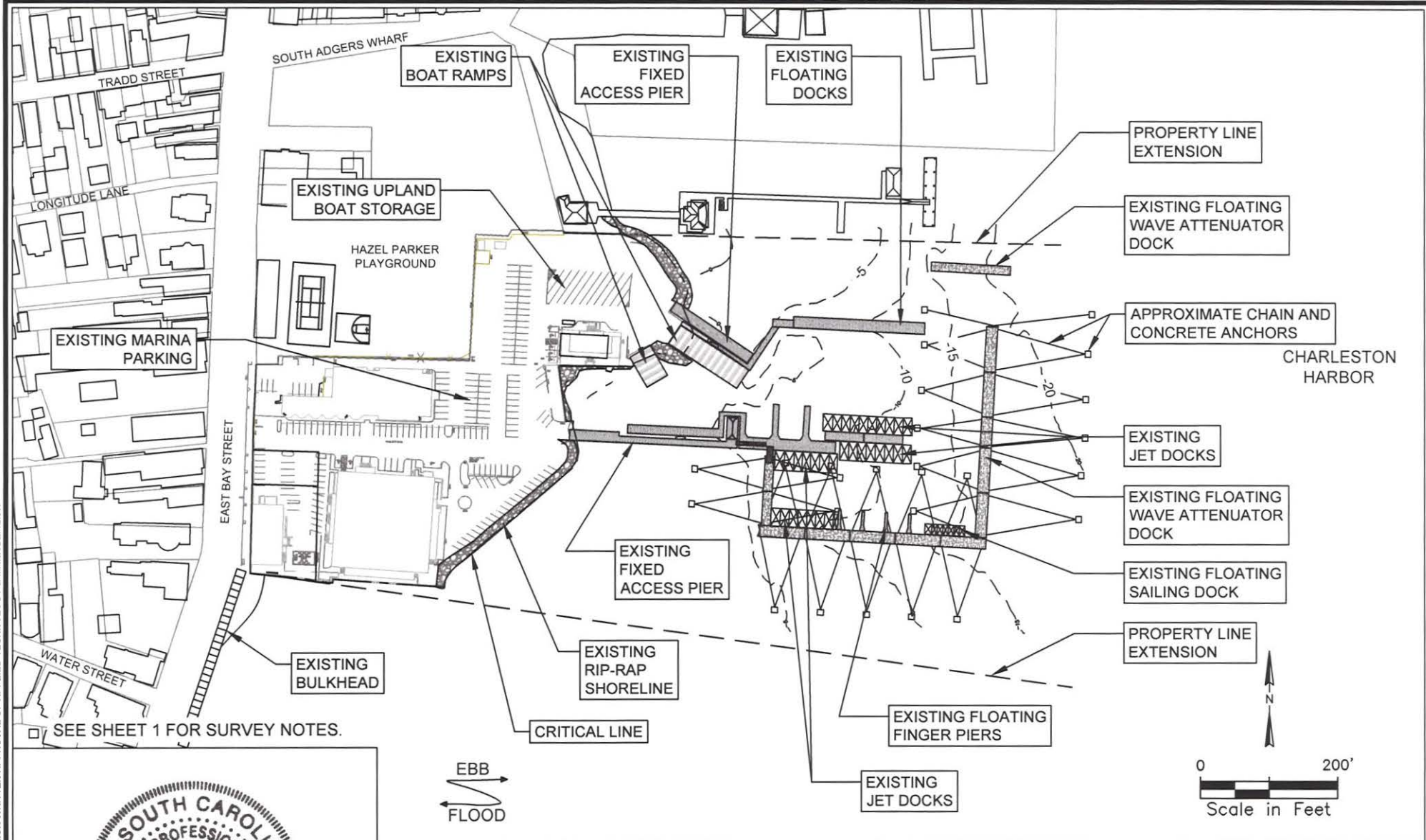
| PROJECT LOCATION & ADJACENT PROPERTY OWNER'S | |
|---|--|
| Applicant: Carolina Yacht Club | |
| Project Address: 50 East Bay Street, Charleston | |
| Parcel ID: 4581302002 | |



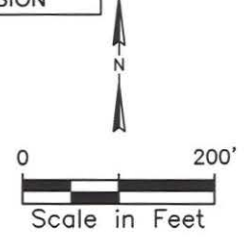
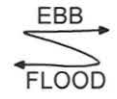
11-May-2021
 SHEET 02

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SEE SHEET 1 FOR SURVEY NOTES.



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| PROJECT: | Carolina Yacht Club Marina Improvements |
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| COUNTY: | Charleston |
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| LATITUDE: | 32°46'26.54"N |
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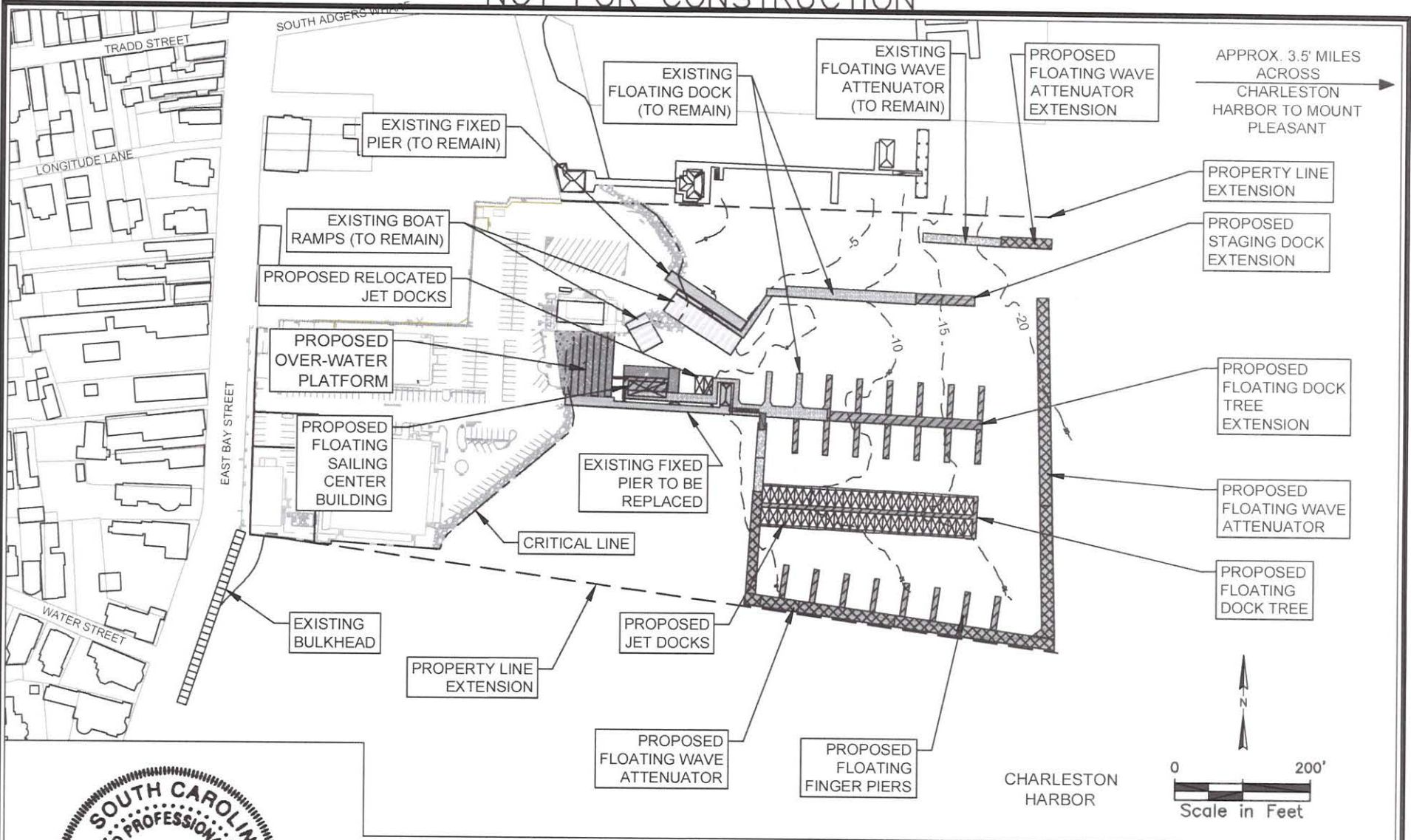
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| EXISTING CONDITIONS | |
| Applicant: Carolina Yacht Club | |
| Project Address: 50 East Bay Street, Charleston | |
| Parcel ID: 4581302002 | |



11-May-2021
SHEET 03

U:\projects\19-5539 Carolina Yacht Club Marina Improvements\Drawings\DWG\emil_plans\19_5539_Permit_Plans_2021_REV01.dwg 03 4/20/21
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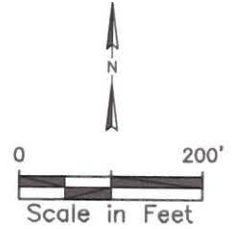
APPROX. 3.5 MILES
 ACROSS
 CHARLESTON
 HARBOR TO MOUNT
 PLEASANT

PROPERTY LINE
 EXTENSION
 PROPOSED
 STAGING DOCK
 EXTENSION

PROPOSED
 FLOATING DOCK
 TREE
 EXTENSION

PROPOSED
 FLOATING WAVE
 ATTENUATOR

PROPOSED
 FLOATING
 DOCK TREE



PROJECT: Carolina Yacht Club
 Marina Improvements
 WATERBODY: Charleston Harbor
 COUNTY: Charleston
 STATE: South Carolina
 LATITUDE: 32°46'26.54"N
 LONGITUDE: 79°55'31.03"W

| PROPOSED IMPROVEMENTS OVERVIEW | |
|---|--|
| Applicant: Carolina Yacht Club | |
| Project Address: 50 East Bay Street, Charleston | |
| Parcel ID: 4581302002 | |

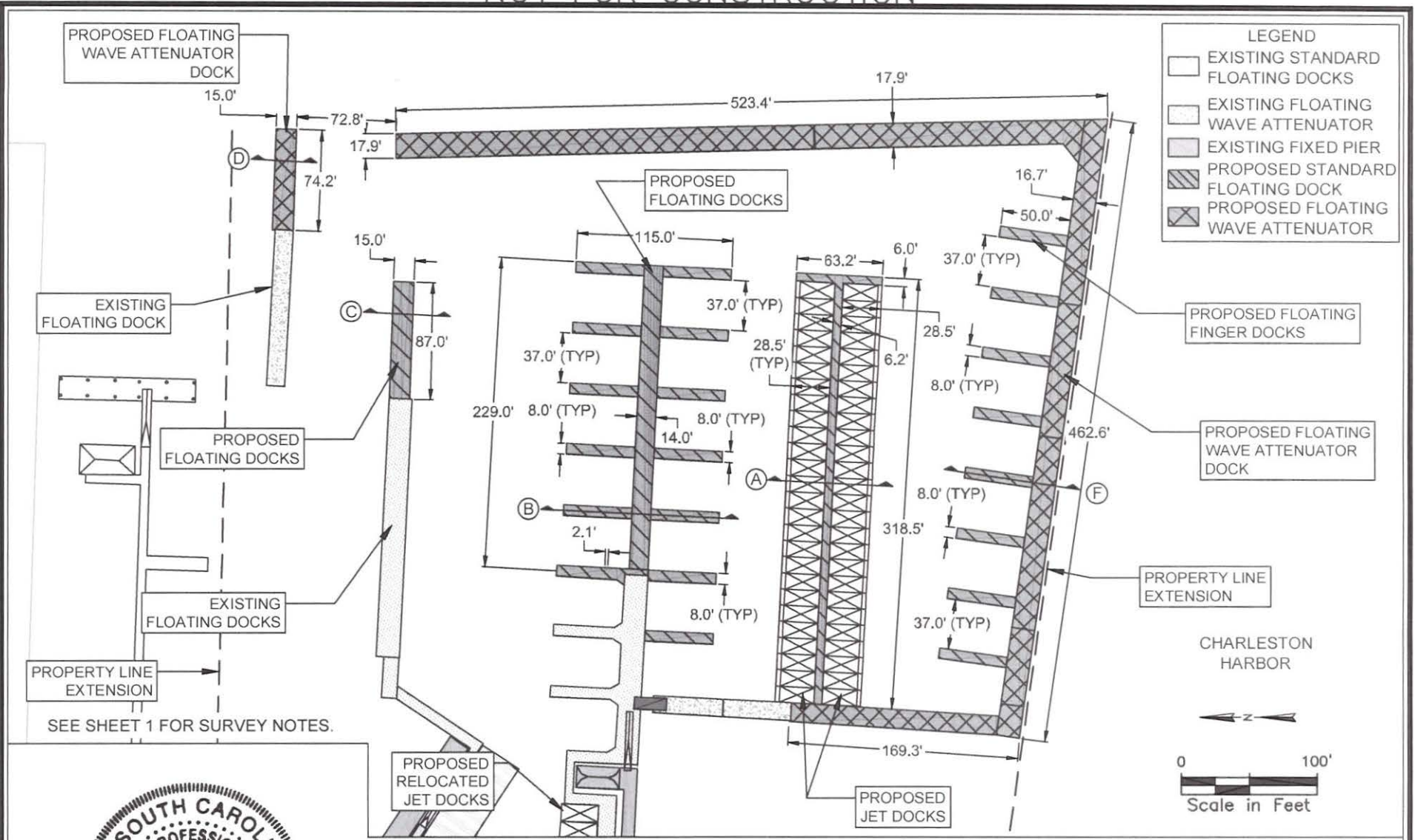


18-May-2021
 SHEET 04

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LEGEND

- EXISTING STANDARD FLOATING DOCKS
- EXISTING FLOATING WAVE ATTENUATOR
- EXISTING FIXED PIER
- PROPOSED STANDARD FLOATING DOCK
- PROPOSED FLOATING WAVE ATTENUATOR

PROPOSED FLOATING FINGER DOCKS

PROPOSED FLOATING WAVE ATTENUATOR DOCK

PROPERTY LINE EXTENSION

CHARLESTON HARBOR

Scale in Feet

0 100'

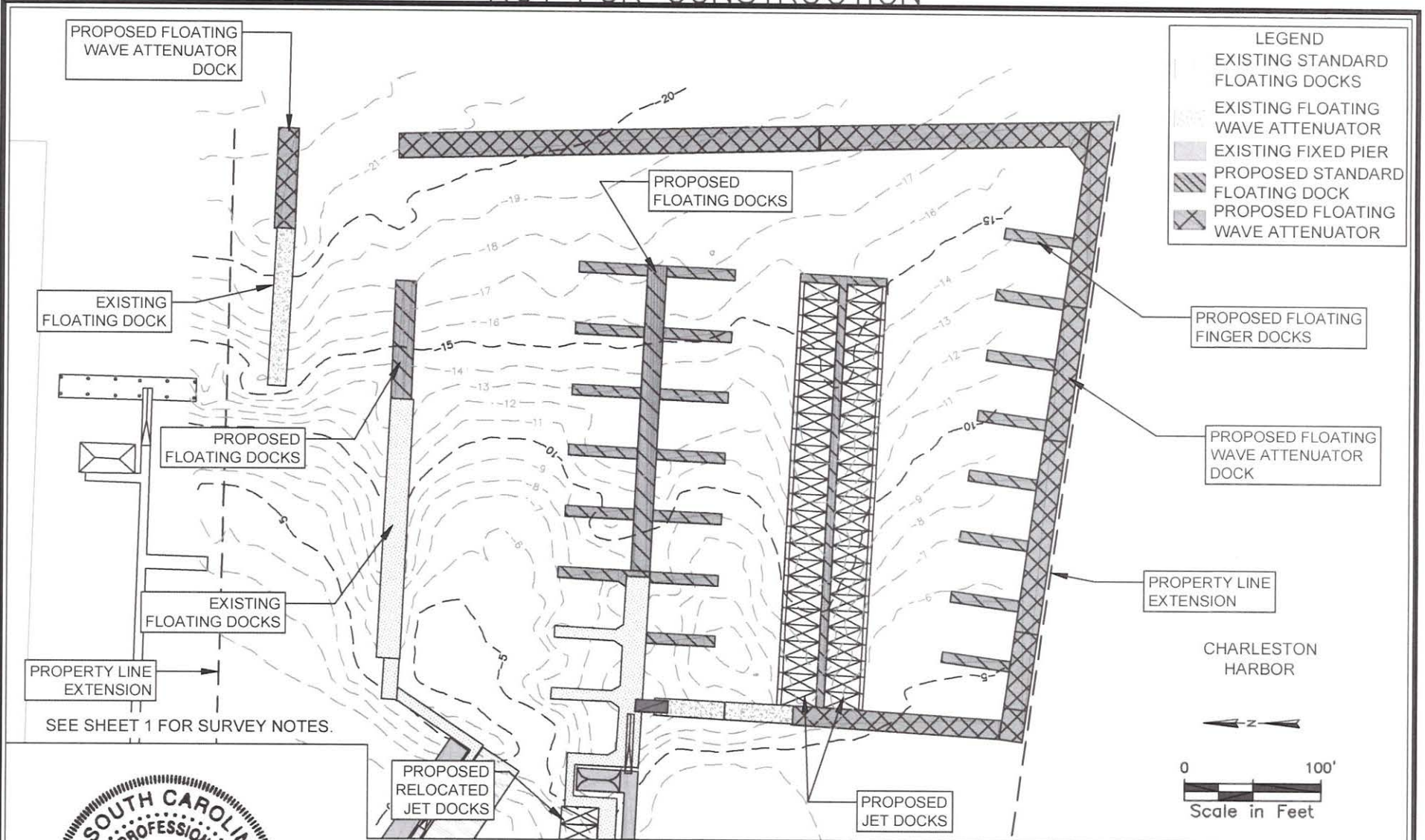
SEE SHEET 1 FOR SURVEY NOTES.



| | | |
|--|---|-----------------------------|
| PROJECT: Carolina Yacht Club Marina Improvements WATERBODY: Charleston Harbor COUNTY: Charleston STATE: South Carolina LATITUDE: 32°46'26.54"N LONGITUDE: 79°55'31.03"W | PROPOSED MARINA DIMENSION PLAN Applicant: Carolina Yacht Club Project Address: 50 East Bay Street, Charleston Parcel ID: 4581302002 | 18-May-2021 SHEET 05 |
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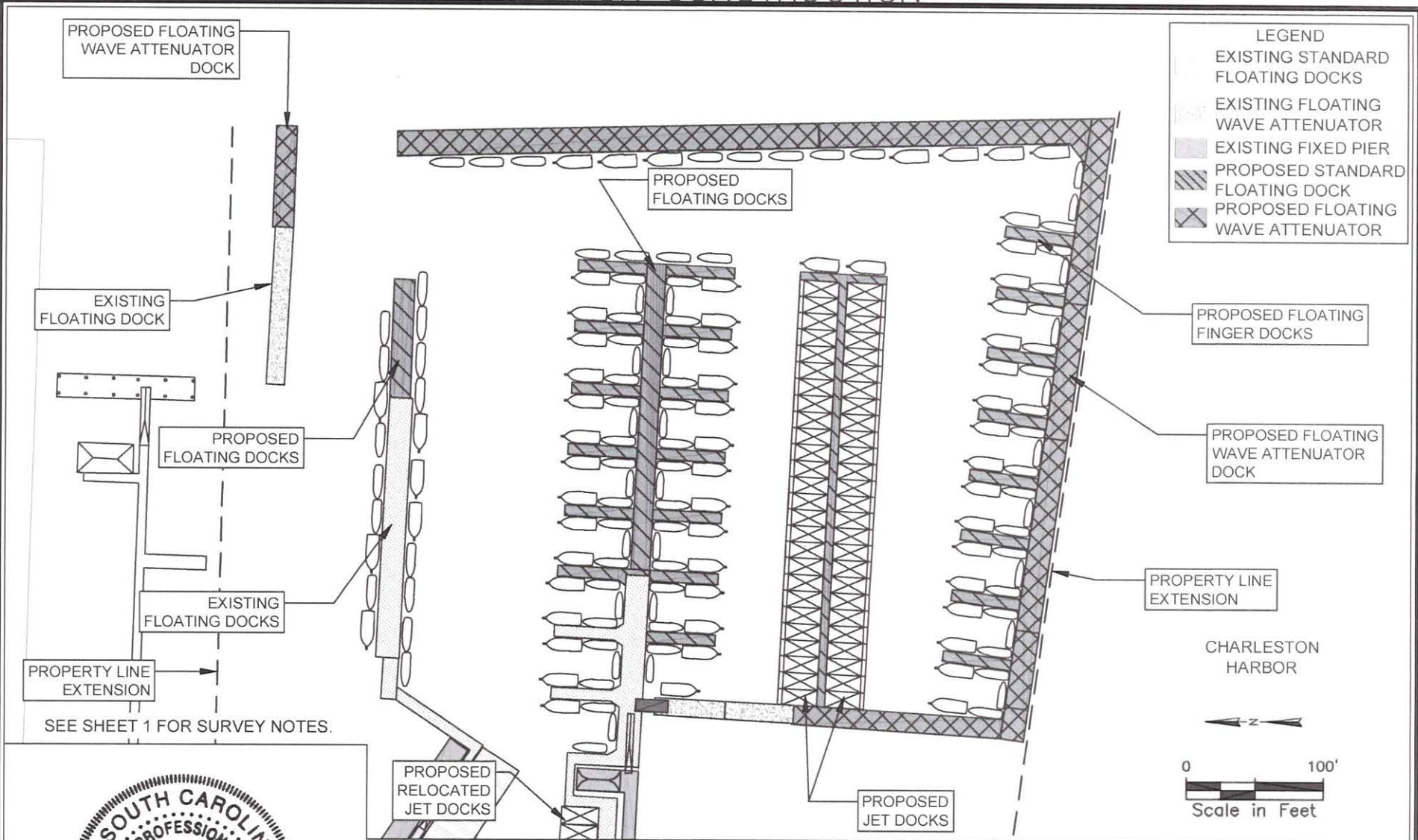


SEE SHEET 1 FOR SURVEY NOTES.



| | | | |
|------------|--|--|--|
| PROJECT: | Carolina Yacht Club Marina Improvements | PROPOSED MARINA ON BATHYMETRIC SURVEY Applicant: Carolina Yacht Club Project Address: 50 East Bay Street, Charleston Parcel ID: 4581302002 |  18-May-2021 SHEET 06 |
| WATERBODY: | Charleston Harbor | | |
| COUNTY: | Charleston | | |
| STATE: | South Carolina | | |
| LATITUDE: | 32°46'26.54"N | | |
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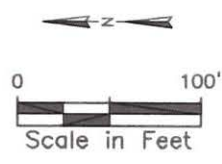
LEGEND

- EXISTING STANDARD FLOATING DOCKS
- EXISTING FLOATING WAVE ATTENUATOR
- EXISTING FIXED PIER
- PROPOSED STANDARD FLOATING DOCK
- PROPOSED FLOATING WAVE ATTENUATOR

- PROPOSED FLOATING FINGER DOCKS
- PROPOSED FLOATING WAVE ATTENUATOR DOCK

PROPERTY LINE EXTENSION

CHARLESTON HARBOR



SEE SHEET 1 FOR SURVEY NOTES.



| | |
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| LATITUDE: | 32° 46' 26.54" N |
| LONGITUDE: | 79° 55' 31.03" W |

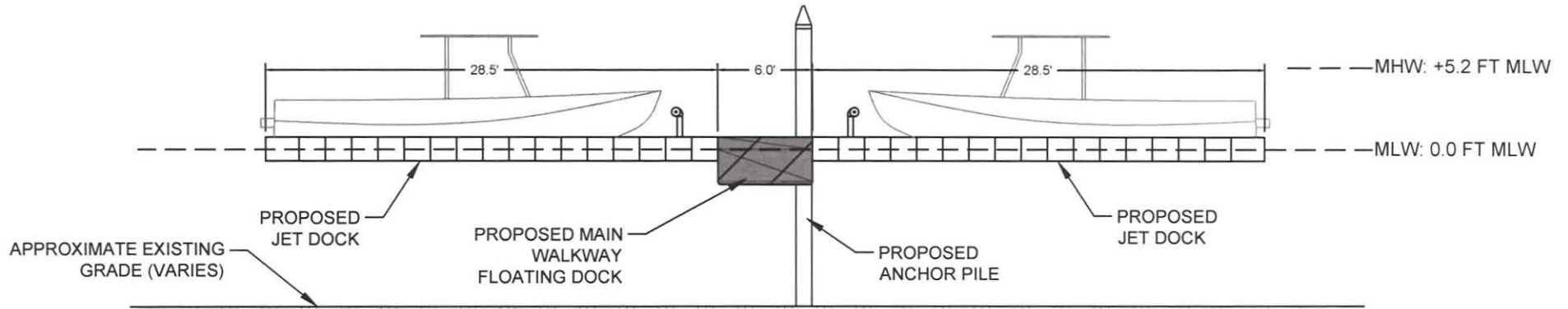
| | |
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| APPROXIMATE MARINA VESSEL LAYOUT PLAN | |
| Applicant: Carolina Yacht Club | |
| Project Address: 50 East Bay Street, Charleston | |
| Parcel ID: 4581302002 | |



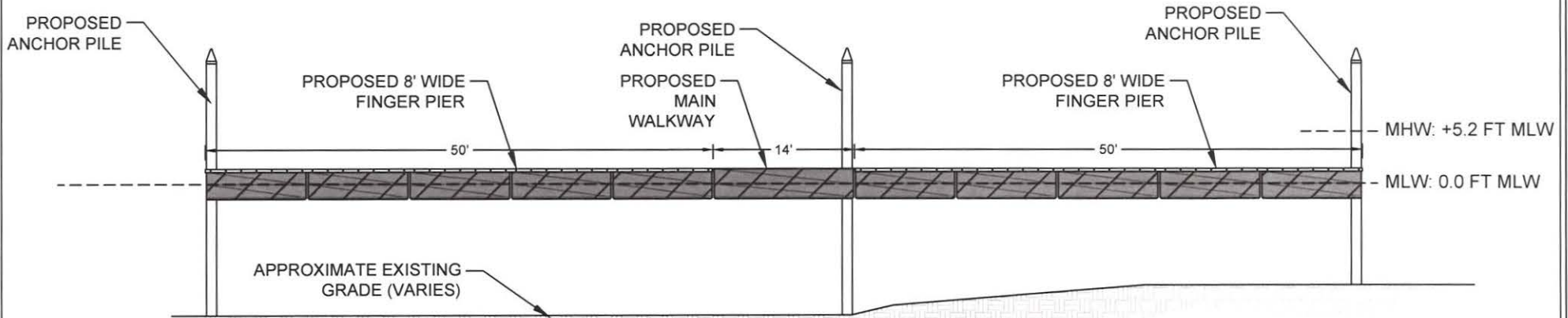
18-May-2021
 SHEET 07

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TYPICAL FLOATING DOCK AND JET DOCK SECTION VIEW (A)
 SCALE: 1" = 10'



TYPICAL FLOATING DOCK EXTENSION SECTION VIEW (B)
 SCALE: 1" = 15'

SEE SHEET 1 FOR SURVEY NOTES.



| | |
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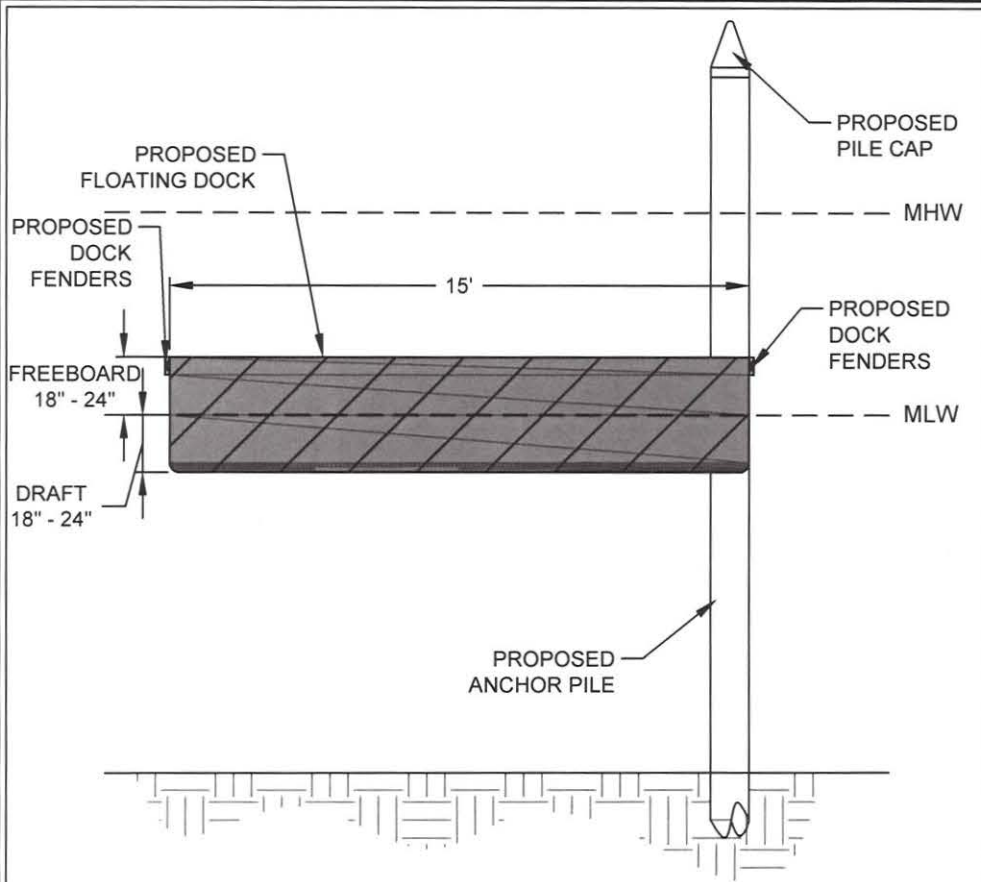
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| TYPICAL FLOATING DOCK DETAILS | |
| Applicant: Carolina Yacht Club | |
| Project Address: 50 East Bay Street, Charleston | |
| Parcel ID: 4581302002 | |



11-May-2021
 SHEET 08

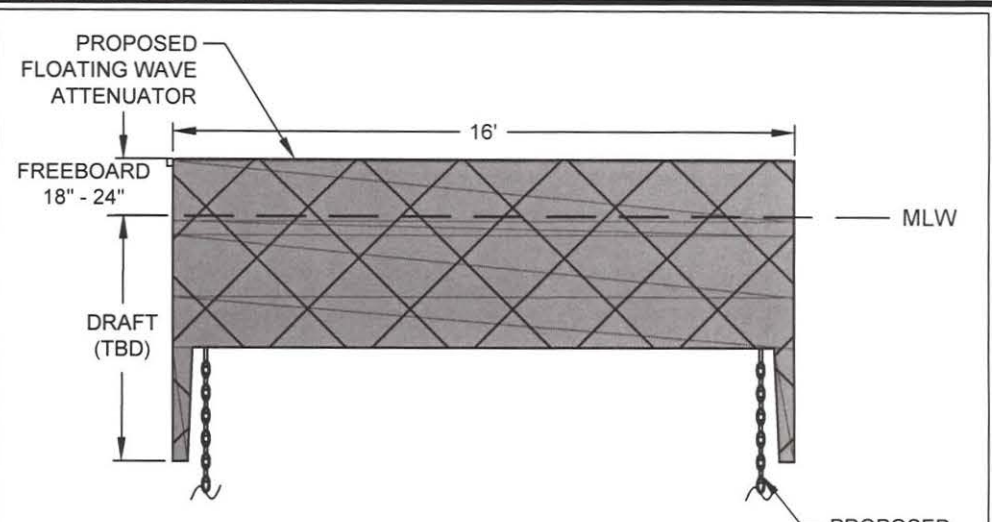
U:\projects\14-353 Carolina Yacht Club Marina Improvements Drawings\14-353 Carolina Yacht Club Marina Improvements.dwg, 11-May-2021, 10:51:01 AM, US, 4/25/21
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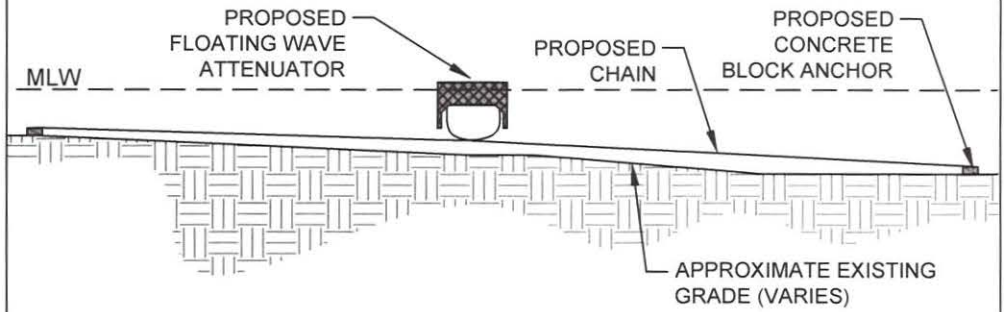


**TYPICAL STANDARD
 FLOATING DOCK DETAIL** (C)
 SCALE: 1" = 5'

SEE SHEET 1 FOR SURVEY NOTES.



**TYPICAL FLOATING
 ATTENUATOR SECTION** (D)
 SCALE: 1" = 5'



**TYPICAL FLOATING ATTENUATOR
 AND ANCHOR SYSTEM DETAIL** (E)
 SCALE: 1" = 50'



| | |
|------------|--|
| PROJECT: | Carolina Yacht Club Marina Improvements |
| WATERBODY: | Charleston Harbor |
| COUNTY: | Charleston |
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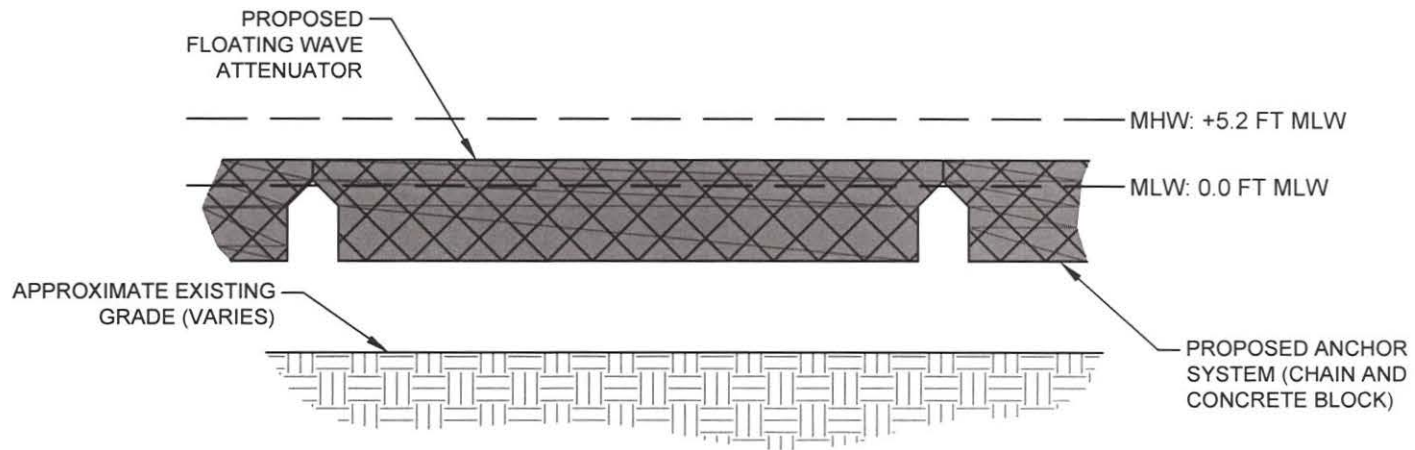
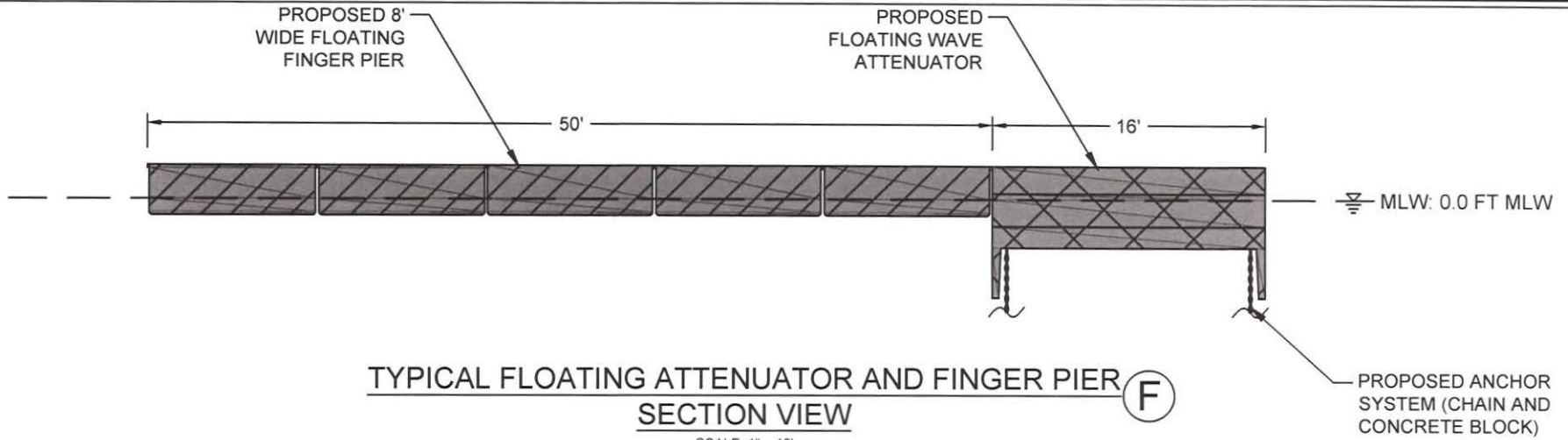
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| TYPICAL FLOATING DOCK DETAILS | |
| Applicant: Carolina Yacht Club | |
| Project Address: 50 East Bay Street, Charleston | |
| Parcel ID: 4581302002 | |



11-May-2021
 SHEET 09

U:\projects\14-534 Carolina Yacht Club Marina Improvements Drawings\14-534-Permit - Plans - 2/17_14-534.dwg, 04/29/21
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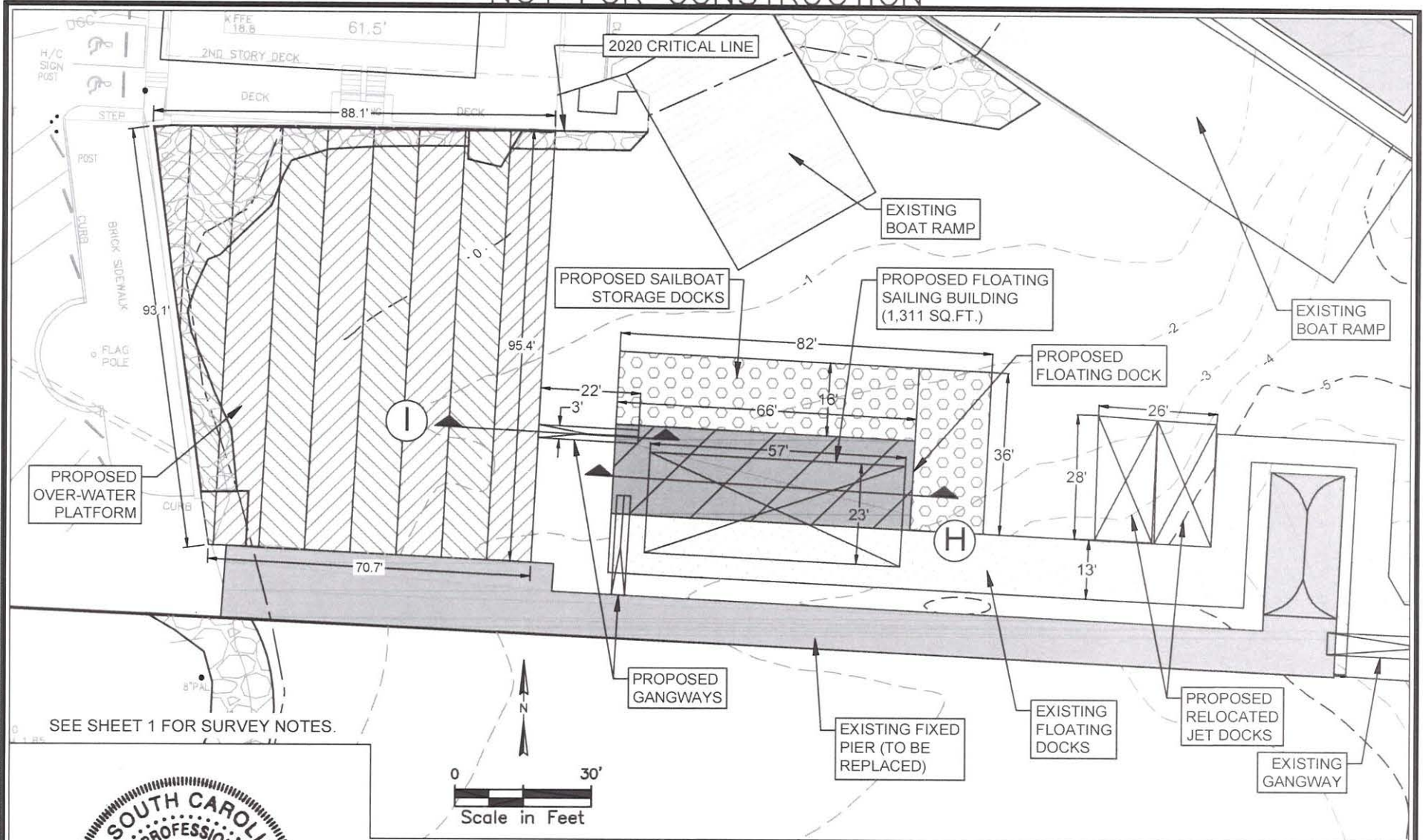
| | |
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| Project Address: 50 East Bay Street, Charleston | |
| Parcel ID: 4581302002 | |



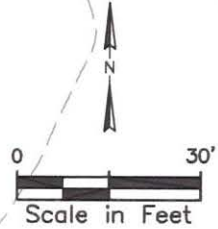
11-May-2021
 SHEET 10

U:\projects\119-5539 Carolina Yacht Club Master Planning\Drawings\DWG\Permit Plans\119-5539 Carolina Yacht Club Master Planning - Permit Plans.dwg, 10/19/2021
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SEE SHEET 1 FOR SURVEY NOTES.



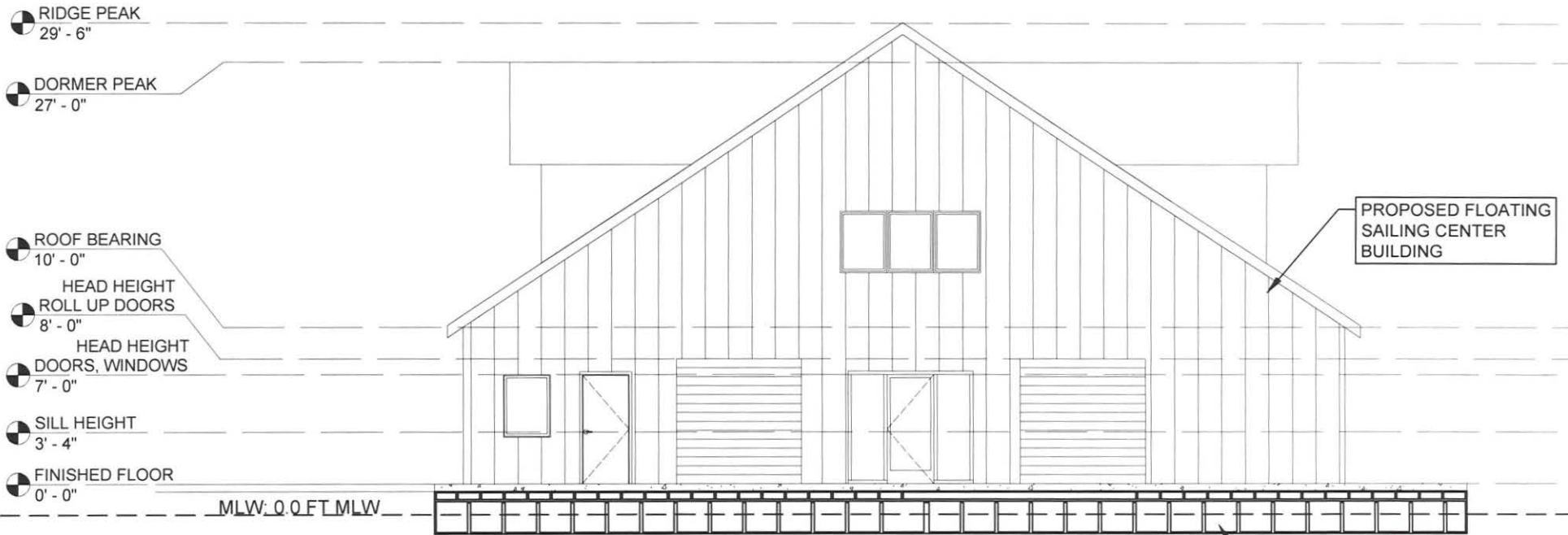
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|------------|--|--|
| PROJECT: | Carolina Yacht Club Marina Improvements | PROPOSED OVER-WATER PLATFORM AND FLOATING SAILING BUILDING Applicant: Carolina Yacht Club Project Address: 50 East Bay Street, Charleston Parcel ID: 4581302002 |
| WATERBODY: | Charleston Harbor | |
| COUNTY: | Charleston | |
| STATE: | South Carolina | |
| LATITUDE: | 32°46'26.54"N | |
| LONGITUDE: | 79°55'31.03"W | |



18-May-2021
 SHEET 11

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 "NOT FOR CONSTRUCTION"



SEE SHEET 1 FOR SURVEY NOTES.

**TYPICAL FLOATING SAILING CENTER H
 BUILDING SECTION**



| | |
|------------|--|
| PROJECT: | Carolina Yacht Club Marina Improvements |
| WATERBODY: | Charleston Harbor |
| COUNTY: | Charleston |
| STATE: | South Carolina |
| LATITUDE: | 32°46'26.54"N |
| LONGITUDE: | 79°55'31.03"W |

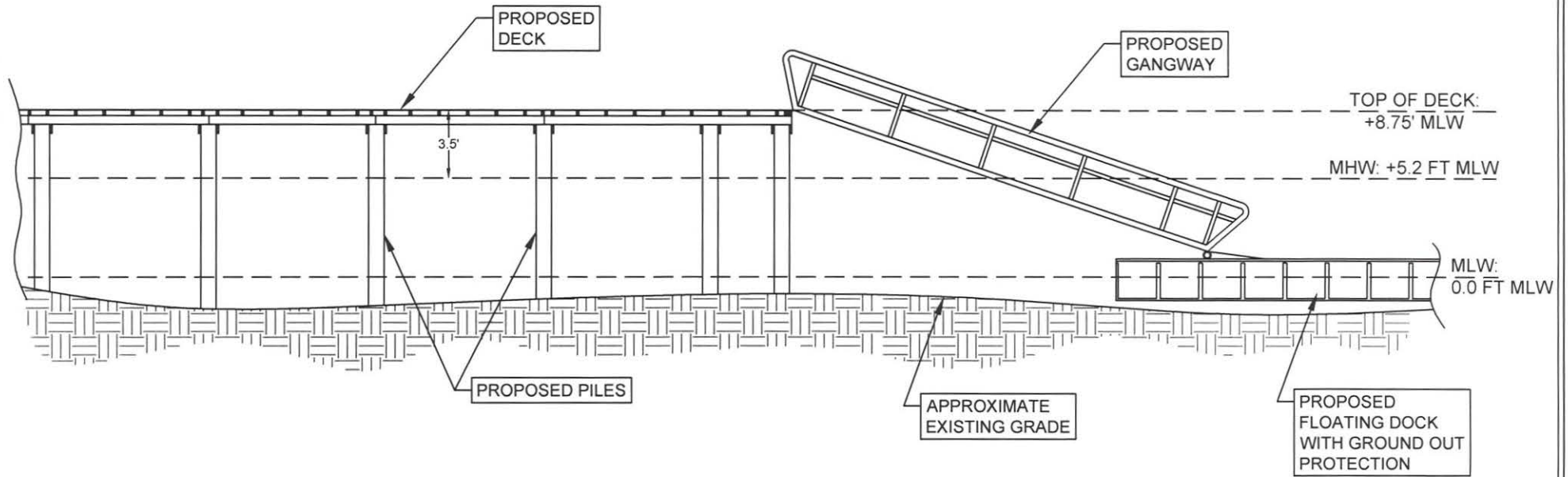
| | |
|--|--|
| PROPOSED FLOATING SAILING CENTER BUILDING DETAILS | |
| Applicant: Carolina Yacht Club | |
| Project Address: 50 East Bay Street, Charleston | |
| Parcel ID: 4581302002 | |



11-May-2021
 SHEET 13

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PROPOSED OVER-WATER PLATFORM & GANGWAY SECTION (I)

SEE SHEET 1 FOR SURVEY NOTES.



PROJECT: Carolina Yacht Club
 Marina Improvements
 WATERBODY: Charleston Harbor
 COUNTY: Charleston
 STATE: South Carolina
 LATITUDE: 32°46'26.54"N
 LONGITUDE: 79°55'31.03"W

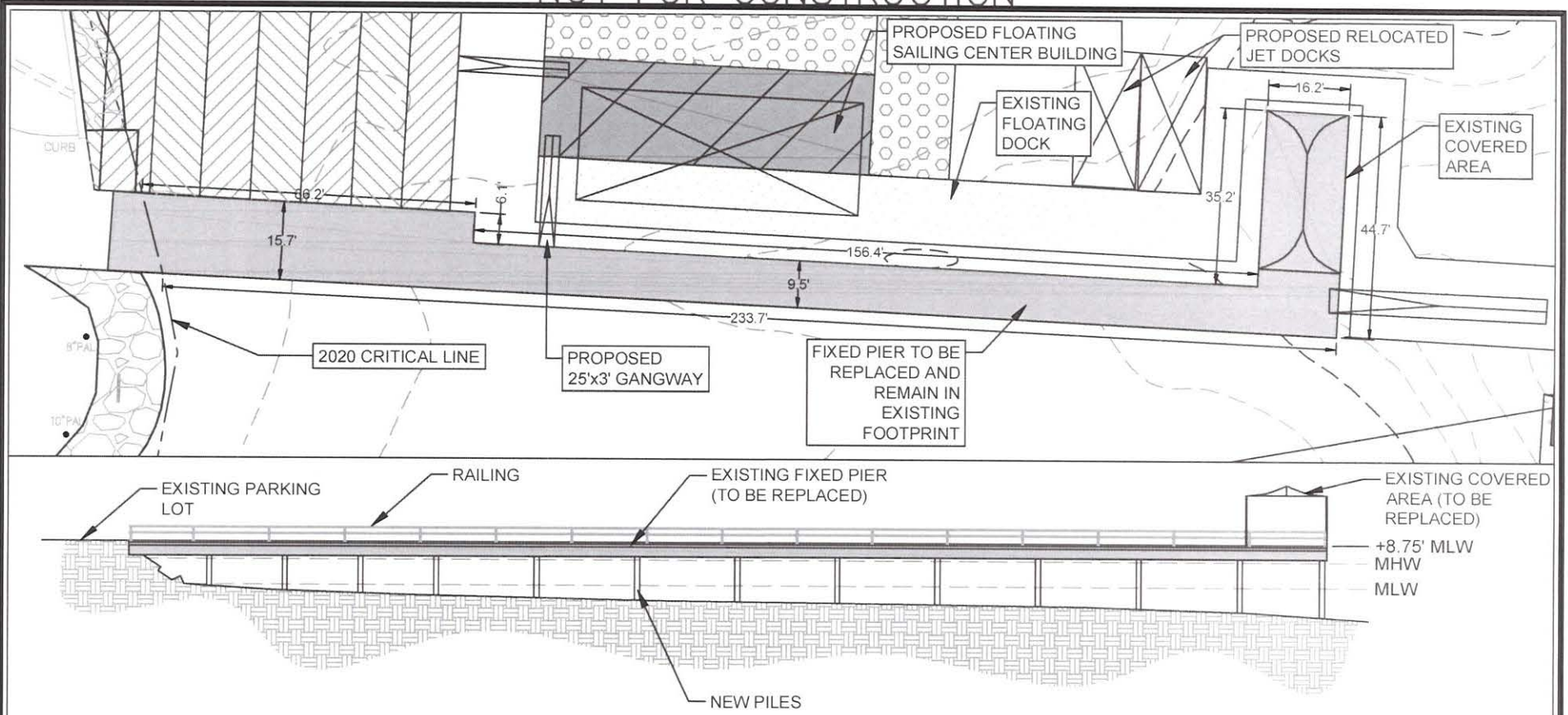
PROPOSED OVER-WATER PLATFORM AND GANGWAY DETAILS
 Applicant: Carolina Yacht Club
 Project Address: 50 East Bay Street, Charleston
 Parcel ID: 4581302002



11-May-2021
 SHEET 14

U:\projects\14-549 Carolina Yacht Club Master Planning\Drawings\Site\Permit Plans_0321_MLW.dwg, 14_4/28/21
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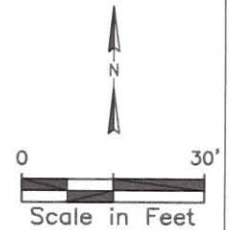
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SEE SHEET 1 FOR SURVEY NOTES.

TYPICAL FLOATING DOCK EXTENSION SECTION VIEW

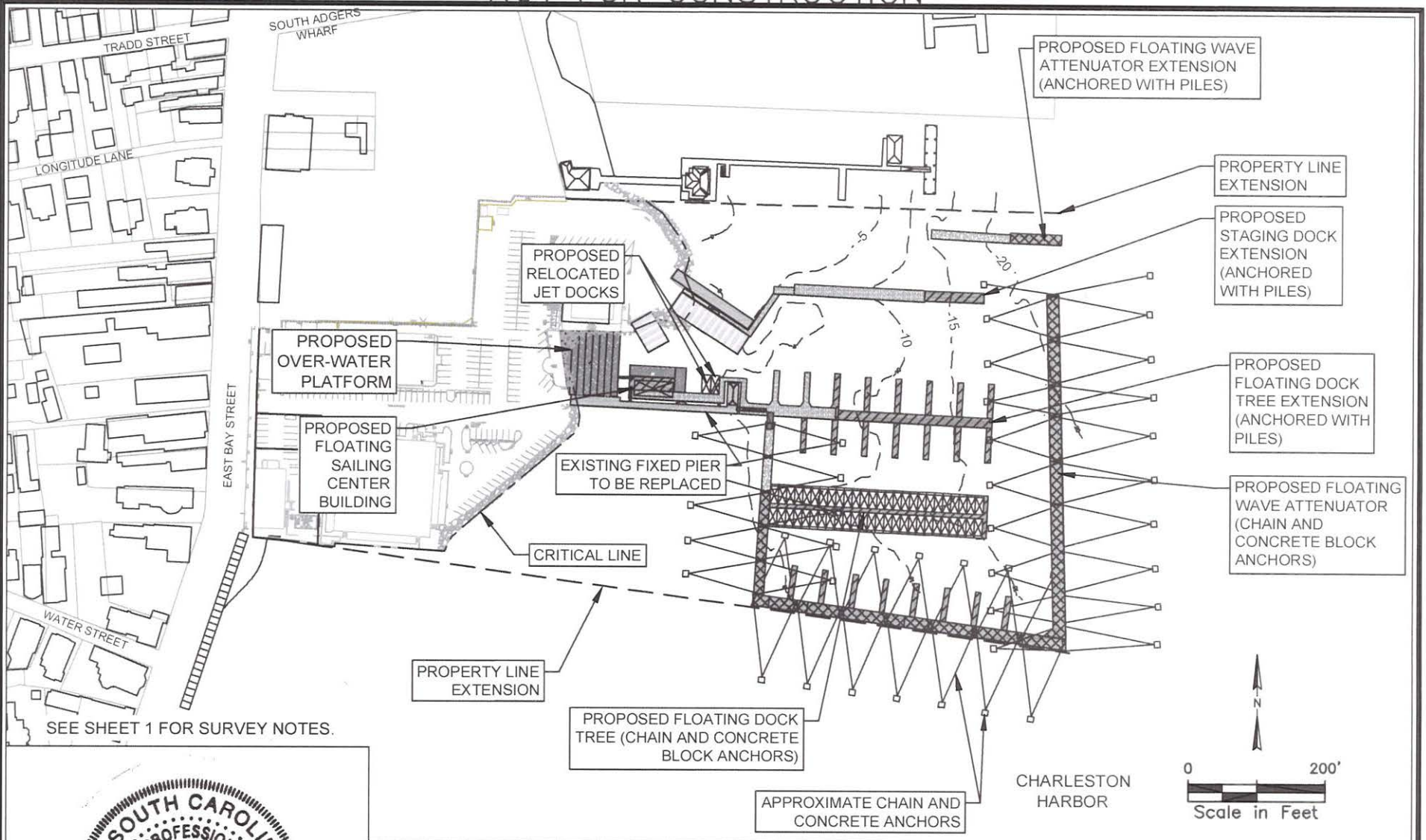
SCALE 1" = 30'



| | | | |
|------------|--|--|--|
| PROJECT: | Carolina Yacht Club Marina Improvements | FIXED ACCESS PIER REPLACEMENT DETAILS Applicant: Carolina Yacht Club Project Address: 50 East Bay Street, Charleston Parcel ID: 4581302002 |  18-May-2021 SHEET 15 |
| WATERBODY: | Charleston Harbor | | |
| COUNTY: | Charleston | | |
| STATE: | South Carolina | | |
| LATITUDE: | 32°46'26.54"N | | |
| LONGITUDE: | 79°55'31.03"W | | |

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 "NOT FOR CONSTRUCTION"



PROJECT: Carolina Yacht Club
 Marina Improvements
 WATERBODY: Charleston Harbor
 COUNTY: Charleston
 STATE: South Carolina
 LATITUDE: 32°46'26.54"N
 LONGITUDE: 79°55'31.03"W

APPROXIMATE ANCHOR LAYOUT
 Applicant: Carolina Yacht Club
 Project Address: 50 East Bay Street, Charleston
 Parcel ID: 4581302002



18-May-2021
 SHEET 16

O:\Projects\10_3336 Carolina Yacht Club Master Planning\6 Drawings\DWG\Permit_Plans\2021_REV01.dwg 16 5/12/21
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