

JOINT
PUBLIC NOTICE

**CHARLESTON DISTRICT, CORPS OF ENGINEERS
1949 INDUSTRIAL PARK ROAD, ROOM 140
CONWAY, SOUTH CAROLINA 29526**

and

**THE S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
Water Quality Certification and Wetlands Section
2600 Bull Street
Columbia, South Carolina 29201**

REGULATORY DIVISION

Refer to: P/N SAC-2019-00679

April 25, 2019

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), the South Carolina Coastal Zone Management Act (48-39-10 et seq.), and the S.C. Construction in Navigable Waters Permit Program (R. 19-450, et seq., 1976 S.C. Code of Laws, as amended), an application has been submitted to the Department of the Army and the S.C. Department of Health and Environmental Control by

**MB Development Holdings, LLC
c/o DDC Engineers, Inc.
1298 Professional Drive
Myrtle Beach, South Carolina 29577**

for a permit to construct four (4) piling supported restaurants, a boardwalk, two (2) floating docks, and bank stabilization (rip-rap) in the

ATLANTIC INTRACOASTAL WATERWAY (AIWW)

at a location north of U.S. Highway 17, just east of S.C. Highway 22, within the Myrtle Beach Mall Site, in Myrtle Beach, Horry County, South Carolina (Latitude: 33.7934°, Longitude: -78.7685°), Hand Quad.

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 the construction of four (4) piling supported restaurants, a

boardwalk, two (2) floating docks, and bank stabilization within the AIWW. In detail, the proposed work includes the construction of a 20,556 S.F. boardwalk that will vary in width and total 1,250 linear feet in length. Attached to the proposed boardwalk will be two (2) 10' x 150' floating docks each attached to the proposed boardwalk by a 6' x 32' adjusting ramp. Situated on the upland side of the proposed boardwalk, but partially extending over the Mean High Water (MHW) of the AIWW, will be four (4) piling supported restaurants totaling 10,583 S. F. of shading impacts. Finally, the proposed work will involve the placement of 1,740 cubic yards of rip-rap for bank stabilization of approximately 850 Linear feet of the AIWW. The proposed bank stabilization work will begin at the existing rip-rap material and extend approximately 850' northeast along the banks of the AIWW. The applicant offered no compensatory mitigation for impacts associated with the project. It is understood that this work is to be conducted on/or adjacent to an area subject to a prism and/or disposal area held by the United States. Appropriate provisions will be included in the permit to ensure the interests of the Federal Government are understood. The project purpose as stated by the applicant is to revitalize the economic impact of the existing Myrtle Beach Mall.

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 1.1 acre of estuarine substrates and emergent wetlands 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 (*Trichechus manatus*), Shortnose Sturgeon (*Acipenser brevirostrum*), and Atlantic sturgeon (*Acipenser oxyrinchus oxyrinchus*), Federally *endangered* species are present in the vicinity of the project. However, it has been determined that the project will have no effect on Shortnose Sturgeon (*Acipenser brevirostrum*), or Atlantic sturgeon (*Acipenser oxyrinchus oxyrinchus*), and will not result in the destruction or adverse modification of designated or proposed critical habitat. Additionally, the District Engineer has determined that the project may affect, not likely to adversely affect the West Indian Manatee (*Trichechus manatus*) or result in the destruction

or adverse modification of designated or proposed critical habitat. 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)(1)(1)), and has initially determined that no historic properties are present; therefore, there will be no effect on historic properties. 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 any other interested parties to provide any information they may have with regard to historic properties. This public notice serves as a request for concurrence within 30 days from the SHPO (and/or Tribal Historic Preservation Officer).

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 and will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency (EPA), under authority of Section 404(b) of the Clean Water Act and, as appropriate, the criteria established under authority of Section 102 of the Marine Protection, Research and Sanctuaries Act of 1972, as amended. That decision will reflect the national concern for both protection and utilization of important resources. 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

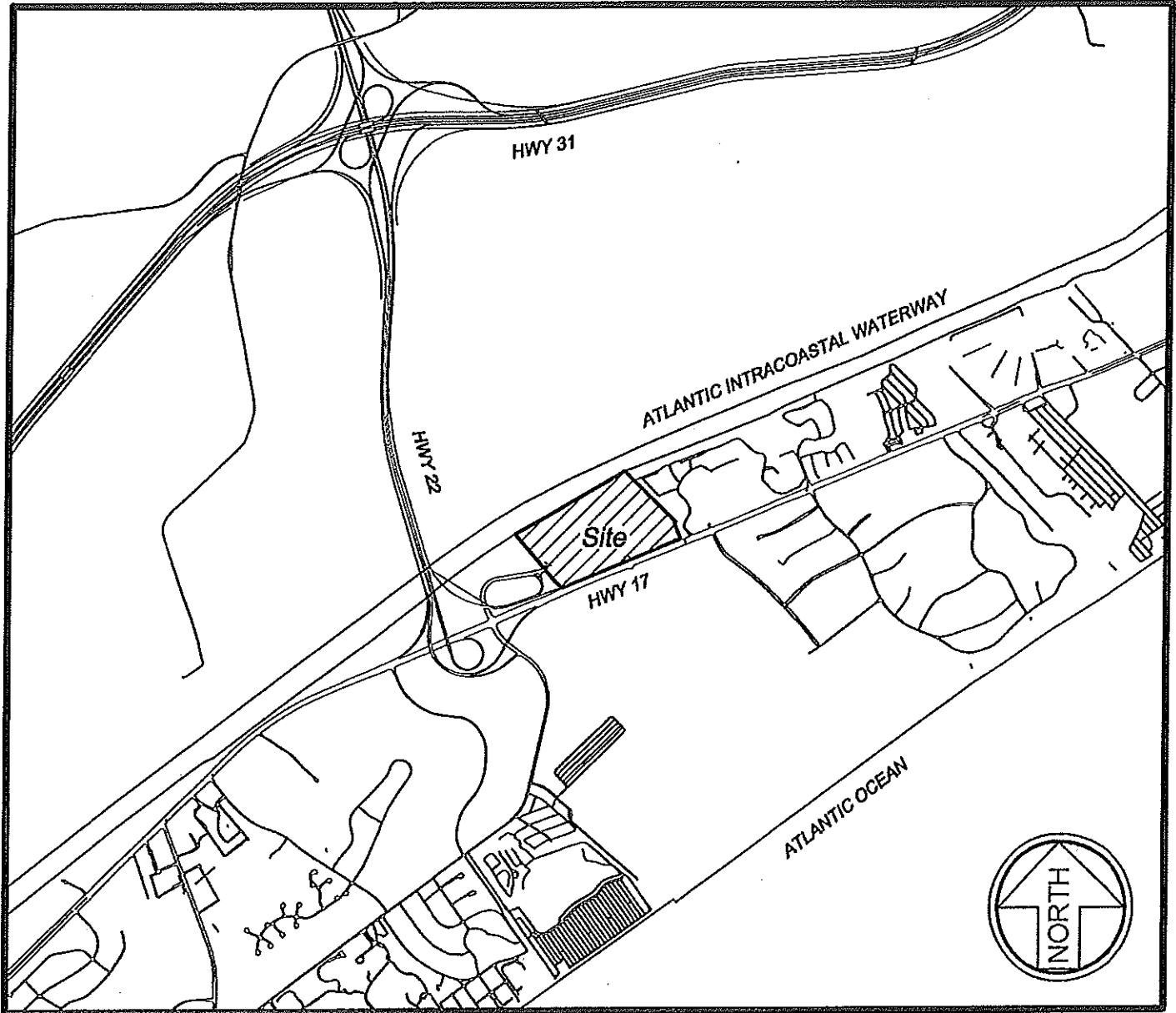
April 25, 2019

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
1949 INDUSTRIAL PARK ROAD, ROOM 140
CONWAY, SOUTH CAROLINA 29526**


If there are any questions concerning this public notice, please contact Rob Huff, Watershed Manager, at (843) 365-4239, or by email at Robert.C.Huff@usace.army.mil.

NOTE:
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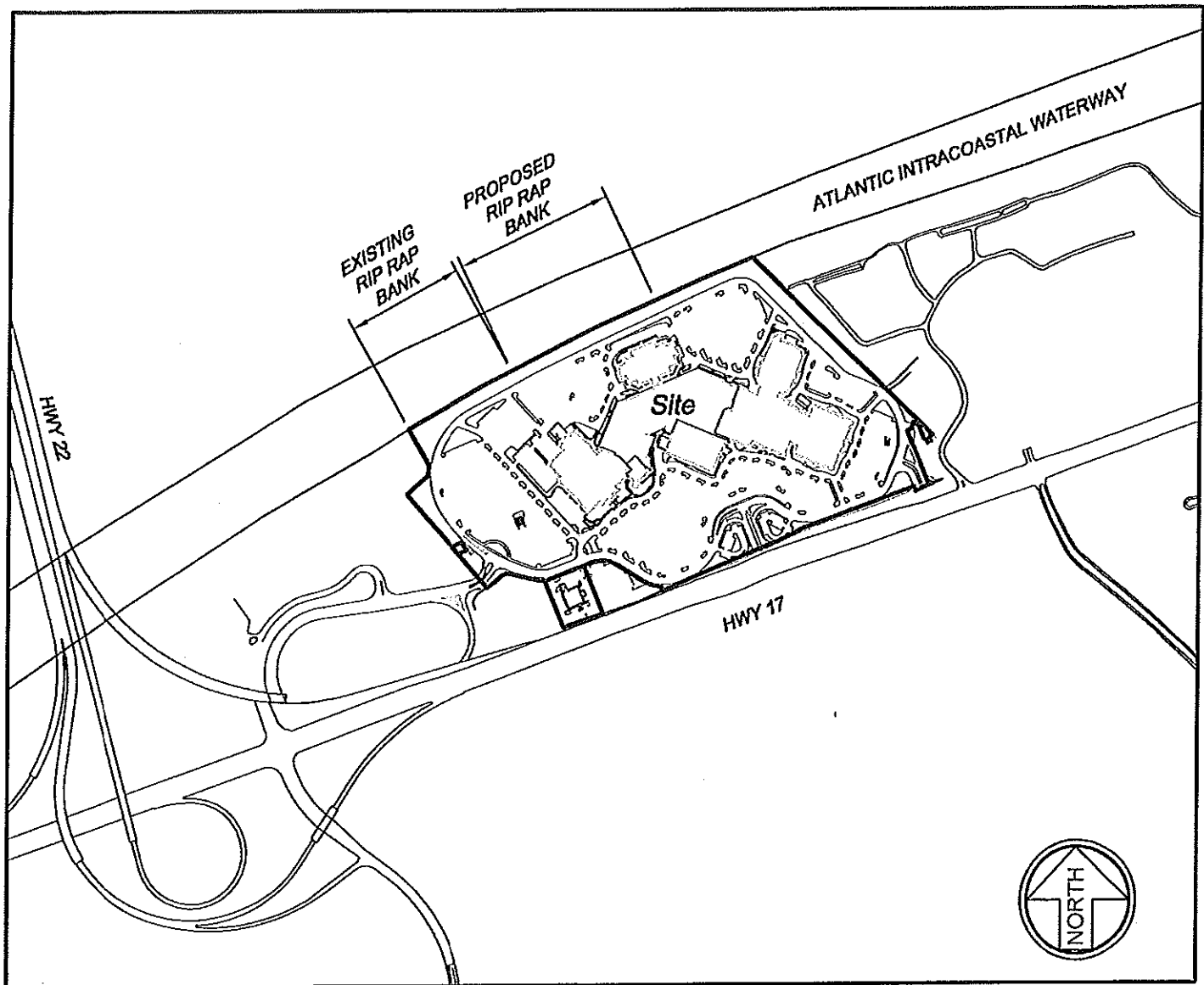


SAC-2019-00679
Myrtle Beach Mall Redevelopment
Horry County, South Carolina
Date: April 12, 2019
Sheet 1 of 23

NAD 83 STATEPLANE
DATUM: NGVD 88
HWL: 2.10'
MHW: 1.87'
MLW: -1.12'


MYRTLE BEACH MALL REDEVELOPMENT	BANK STABILIZATION, BOARDWALK, FLOATING DOCKS REGULATORY PERMIT		PURPOSE: COMMERCIAL DEVELOPMENT COUNTY: HORRY STATE: SOUTH CAROLINA
	VICINITY MAP		
SHEET 1 OF 23	DDC PN: 18016E	SCALE: NTS	 Consulting Engineers, Surveyors, Planners, Landscape Architects & Environmentalists 1298 Professional Dr., Myrtle Beach, SC 29577 Phone: (843) 692-3200 Fax: (843) 692-3210
ORIGINAL DATE: 4/12/19 REVISED DATE:	APPLICANT: MB DEVELOPMENT HOLDINGS, LLC		

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Myrtle Beach Mall Redevelopment
Horry County, South Carolina
Date: April 12, 2019
Sheet 2 of 23

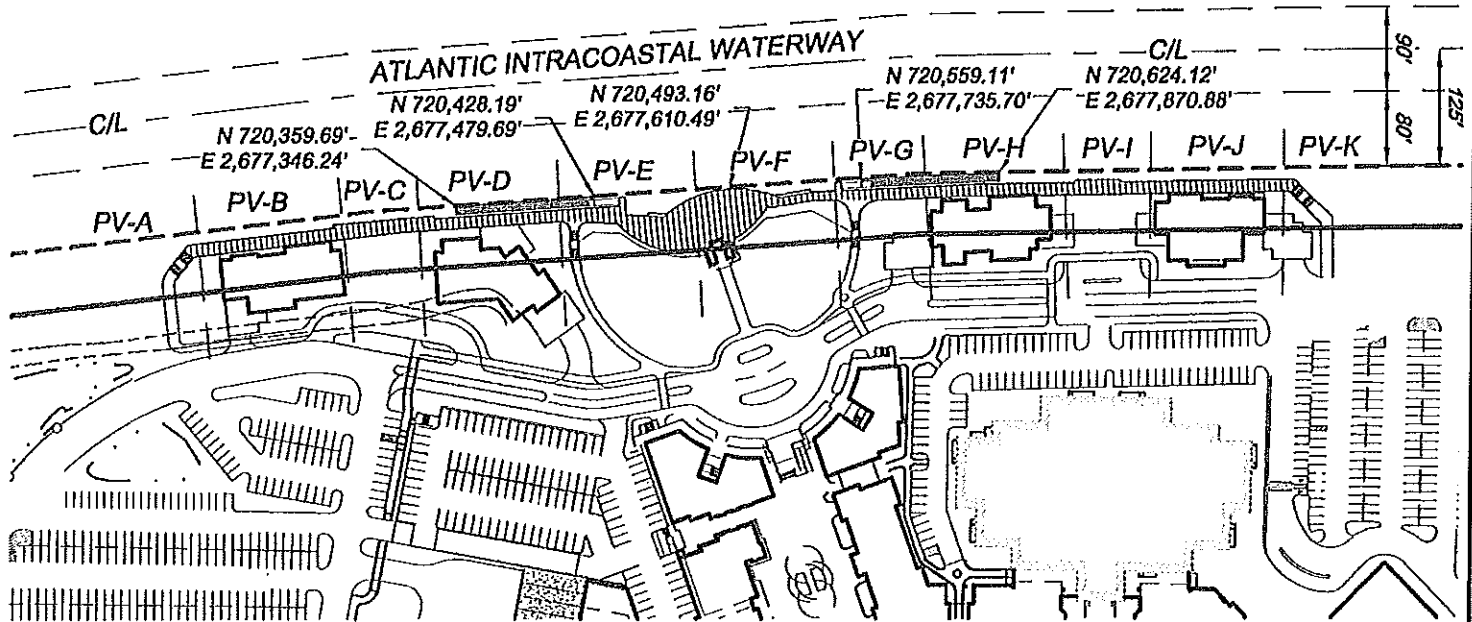
MYRTLE BEACH MALL REDEVELOPMENT	BANK STABILIZATION, BOARDWALK, FLOATING DOCKS REGULATORY PERMIT		PURPOSE: COMMERCIAL DEVELOPMENT COUNTY: HORRY STATE: SOUTH CAROLINA
	LOCATION MAP		
SHEET 2 OF 23	DDC PN: 18016E	SCALE: 1" = 800'	 Consulting Engineers, Surveyors, Planners, Landscape Architects & Environmentalists 1298 Professional Dr., Myrtle Beach, SC 29577 Phone: (843) 692-3200 Fax: (843) 692-3210
ORIGINAL DATE: 4/12/19 REVISED DATE:	APPLICANT: MB DEVELOPMENT HOLDINGS, LLC		

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LEGEND:

PV = PLAN VIEW



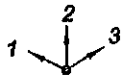
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Myrtle Beach Mall Redevelopment
Horry County, South Carolina
Date: April 12, 2019
Sheet 3 of 23

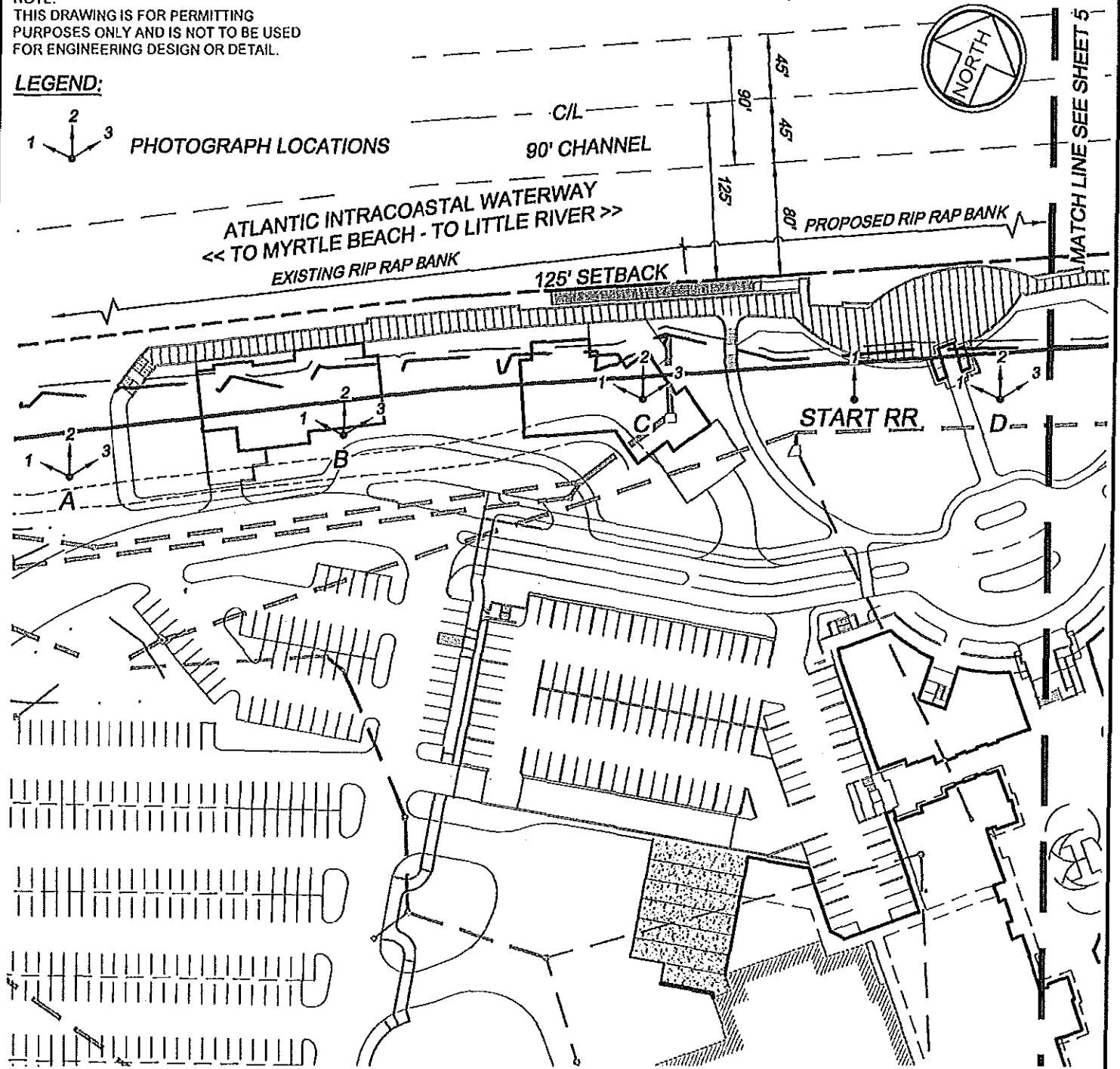
MYRTLE BEACH MALL REDEVELOPMENT	BANK STABILIZATION, BOARDWALK, FLOATING DOCKS REGULATORY PERMIT		PURPOSE: COMMERCIAL DEVELOPMENT COUNTY: HORRY STATE: SOUTH CAROLINA
	PLAN VIEW KEY PLAN		
SHEET 3 OF 23	DDC PN: 18016E	SCALE: 1" = 200'	<div>DDC</div> <div></div> <div>Consulting Engineers, Surveyors, Planners, Landscape Architects & Environmentalists 1298 Professional Dr., Myrtle Beach, SC 29577 Phone: (843) 692-3100 Fax: (843) 692-3210</div>
ORIGINAL DATE: 4/12/19 REVISED DATE:	APPLICANT: MB DEVELOPMENT HOLDINGS, LLC		

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LEGEND:



PHOTOGRAPH LOCATIONS



NAD 83 STATEPLANE
DATUM: NGVD 88
HWL: 2.10'
MHW: 1.87'
MLW: -1.12'

SAC-2019-00679
Myrtle Beach Mall Redevelopment
Horry County, South Carolina
Date: April 12, 2019
Sheet 4 of 23

**MYRTLE BEACH MALL
REDEVELOPMENT**

BANK STABILIZATION, BOARDWALK,
FLOATING DOCKS
REGULATORY PERMIT

PURPOSE: COMMERCIAL
DEVELOPMENT

MASTER PLAN / PHOTO KEY (1)

COUNTY: HORRY
STATE: SOUTH CAROLINA

SHEET 4 OF 23

DDC PN: 18016E

SCALE: 1" = 100'

ORIGINAL DATE: 4/12/19
REVISED DATE:

APPLICANT: MB DEVELOPMENT
HOLDINGS, LLC

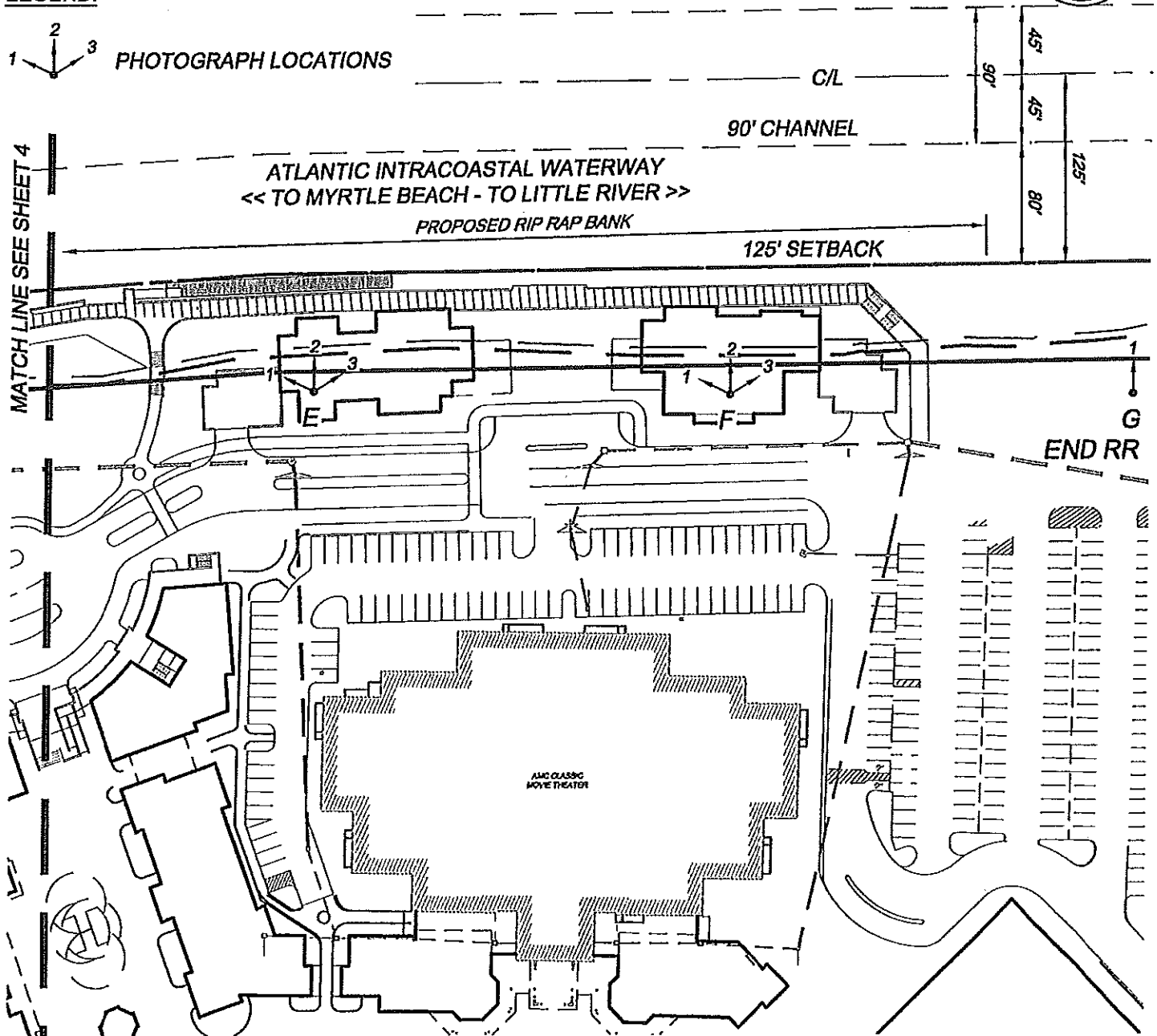
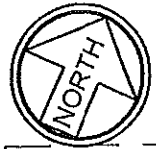


Consulting Engineers, Surveyors, Planners,
Landscape Architects & Environmentalists
1298 Professional Dr., Myrtle Beach, SC 29577
Phone: (843) 692-3200 Fax: (843) 692-3210

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LEGEND:

1 2 3 PHOTOGRAPH LOCATIONS



NAD 83 STATEPLANE
DATUM: NGVD 88
HWL: 2.10'
MHW: 1.87'
MLW: -1.12'

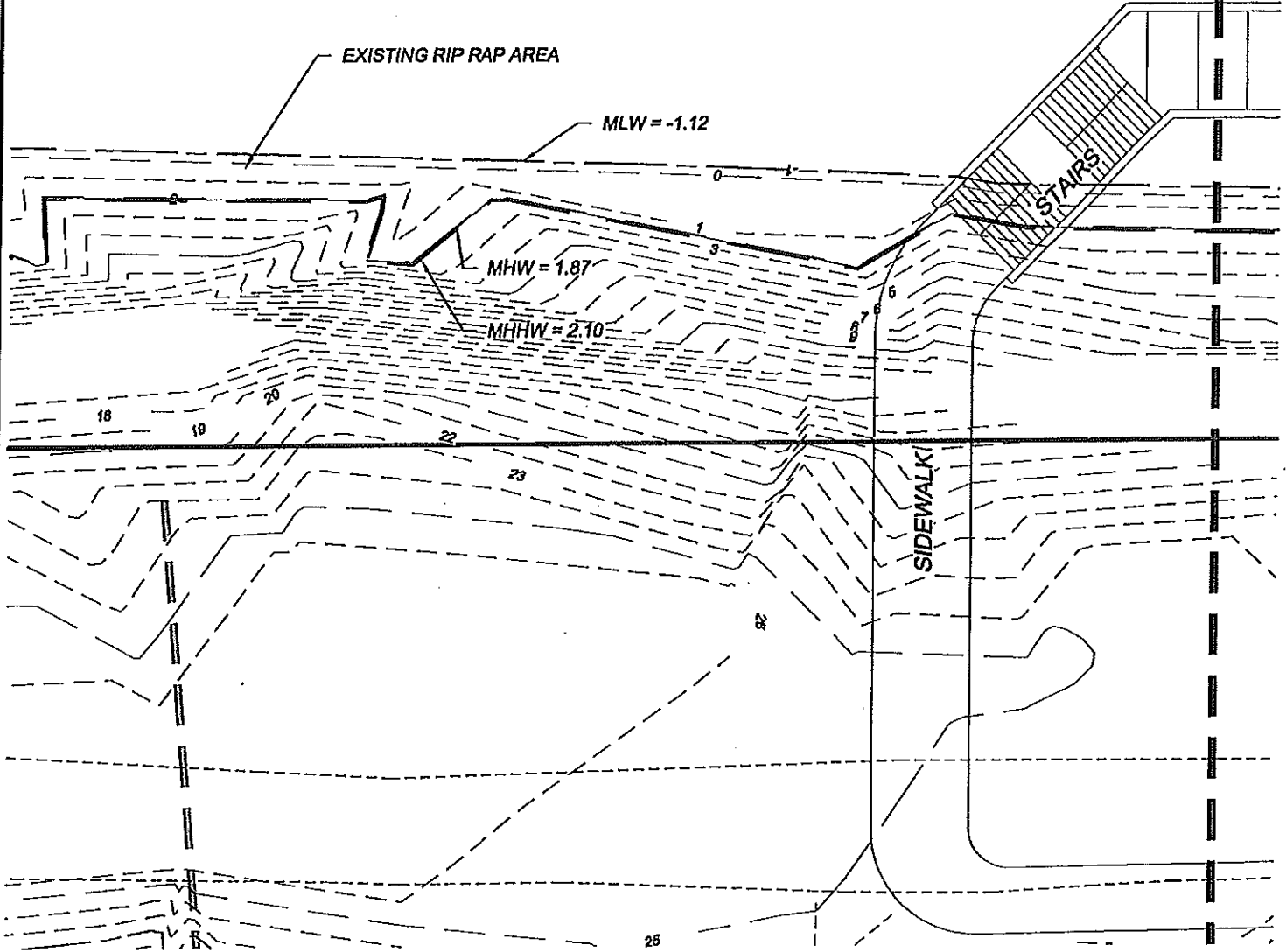
SAC-2019-00679
Myrtle Beach Mall Redevelopment
Horry County, South Carolina
Date: April 12, 2019
Sheet 5 of 23

MYRTLE BEACH MALL REDEVELOPMENT	BANK STABILIZATION, BOARDWALK, FLOATING DOCKS REGULATORY PERMIT		PURPOSE: COMMERCIAL DEVELOPMENT
	MASTER PLAN / PHOTO KEY (2)		COUNTY: HORRY STATE: SOUTH CAROLINA
SHEET 5 OF 23	DDC PN: 18016E	SCALE: 1" = 100'	 Consulting Engineers, Surveyors, Planners, Landscape Architects & Environmentalists 1298 Professional Dr., Myrtle Beach, SC 29577 Phone: (843) 692-3200 Fax: (843) 692-3210
ORIGINAL DATE: 4/12/19 REVISED DATE:	APPLICANT: MB DEVELOPMENT HOLDINGS, LLC		

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MATCH LINE SEE SHEET 7



NAD 83 STATEPLANE
DATUM: NGVD 88
HWL: 2.10'
MHW: 1.87'
MLW: -1.12'

SAC-2019-00679
Myrtle Beach Mall Redevelopment
Horry County, South Carolina
Date: April 12, 2019
Sheet 6 of 23

MYRTLE BEACH MALL REDEVELOPMENT	BANK STABILIZATION, BOARDWALK, FLOATING DOCKS REGULATORY PERMIT		PURPOSE: COMMERCIAL DEVELOPMENT COUNTY: HORRY STATE: SOUTH CAROLINA
	PLAN VIEW A SOUTHWEST END		
SHEET 6 OF 23	DDC PN: 18016E	SCALE: 1" = 20'	 Consulting Engineers, Surveyors, Planners, Landscape Architects & Environmentalists 1298 Professional Dr., Myrtle Beach, SC 29577 Phone: (843) 692-3200 Fax: (843) 692-3210
ORIGINAL DATE: 4/12/19 REVISED DATE:	APPLICANT: MB DEVELOPMENT HOLDINGS, LLC		

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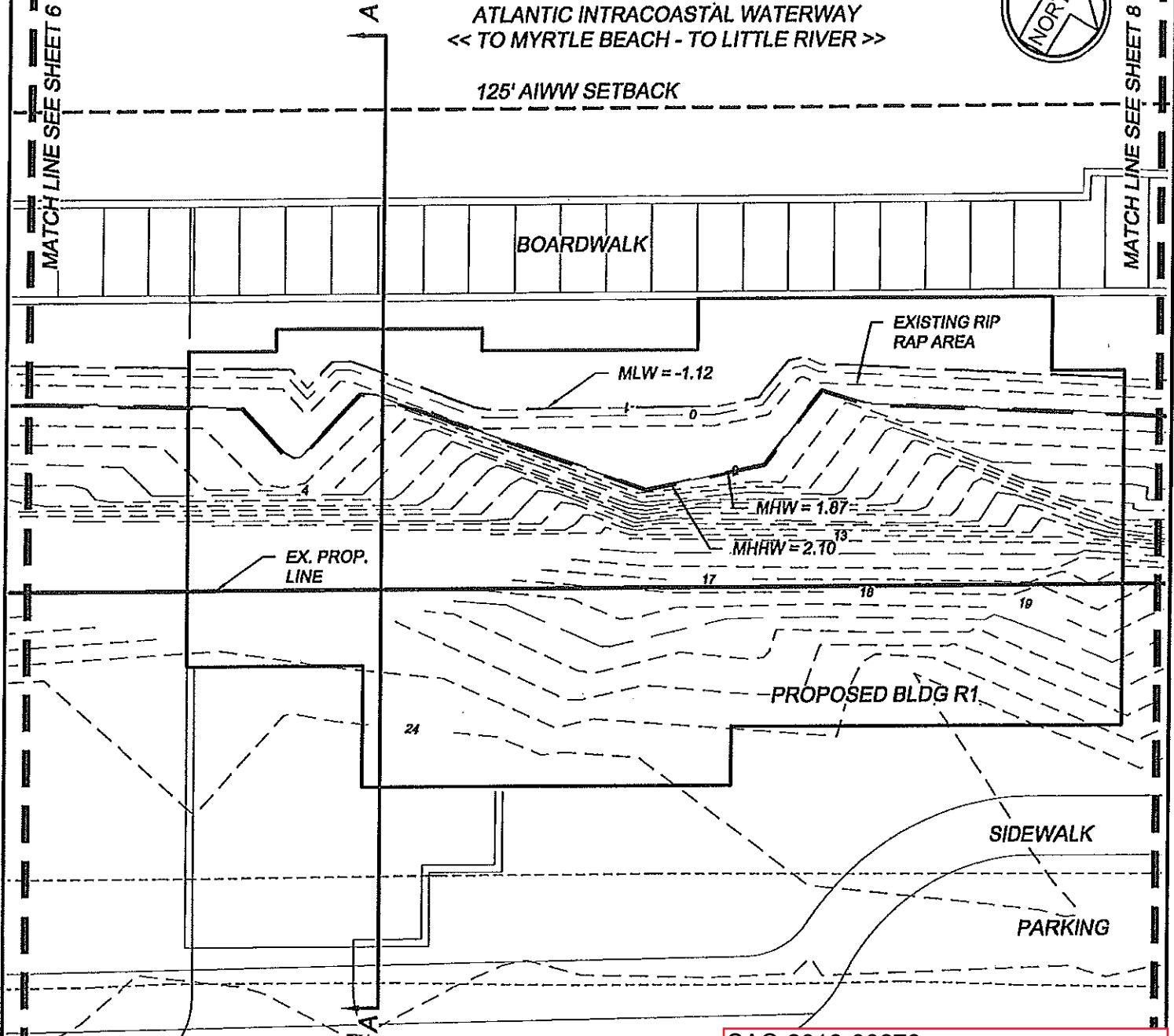


ATLANTIC INTRACOASTAL WATERWAY
<< TO MYRTLE BEACH - TO LITTLE RIVER >>

125' AIWW SETBACK

MATCH LINE SEE SHEET 6

MATCH LINE SEE SHEET 8



NAD 83 STATEPLANE
DATUM: NGVD 88
HWL: 2.10'
MHW: 1.87'
MLW: -1.12'

SAC-2019-00679
Myrtle Beach Mall Redevelopment
Horry County, South Carolina
Date: April 12, 2019
Sheet 7 of 23

MYRTLE BEACH MALL
REDEVELOPMENT

BANK STABILIZATION, BOARDWALK,
FLOATING DOCKS
REGULATORY PERMIT

PURPOSE: COMMERCIAL
DEVELOPMENT

PLAN VIEW B, R-1 BOARDWALK

COUNTY: HORRY
STATE: SOUTH CAROLINA

SHEET 7 OF 23

DDC PN: 18016E

SCALE: 1" = 20'

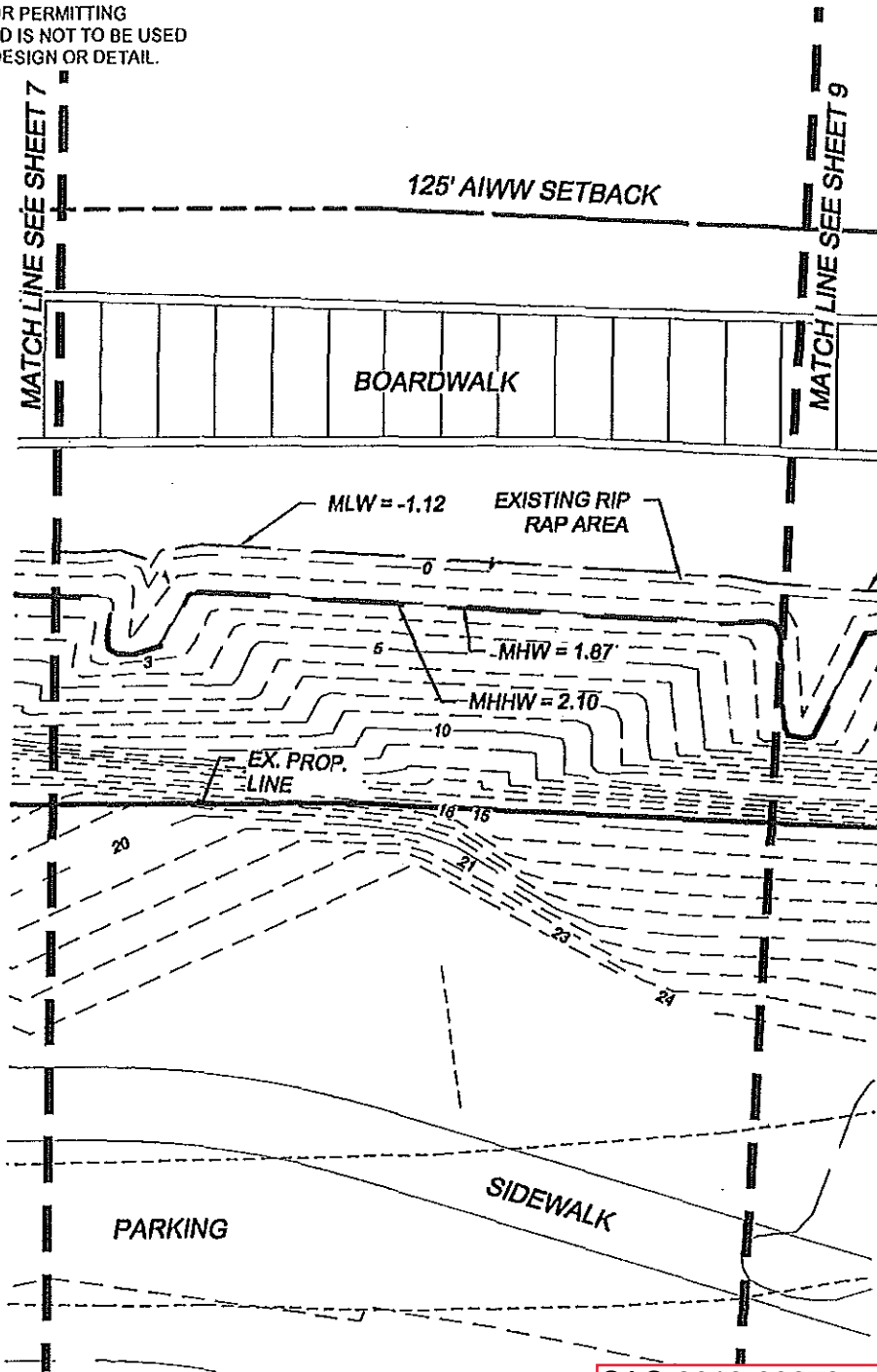
ORIGINAL DATE: 4/12/19
REVISED DATE:

APPLICANT: MB DEVELOPMENT
HOLDINGS, LLC




Consulting Engineers, Surveyors, Planners,
Landscape Architects & Environmentalists
1298 Professional Dr., Myrtle Beach, SC 29577
Phone: (843) 692-3100 Fax: (843) 692-3210

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SAC-2019-00679
Myrtle Beach Mall Redevelopment
Horry County, South Carolina
Date: April 12, 2019
Sheet 8 of 23

NAD 83 STATEPLANE
DATUM: NGVD 88
HWL: 2.10'
MHW: 1.87'
MLW: -1.12'

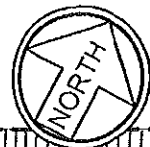
MYRTLE BEACH MALL REDEVELOPMENT	BANK STABILIZATION, BOARDWALK, FLOATING DOCKS REGULATORY PERMIT		PURPOSE: COMMERCIAL DEVELOPMENT COUNTY: HORRY STATE: SOUTH CAROLINA
	PLAN VIEW C, BOARDWALK		
SHEET 8 OF 23	DDC PN: 18016E	SCALE: 1" = 20'	 Consulting Engineers, Surveyors, Planners, Landscape Architects & Environmentalists 1298 Professional Dr., Myrtle Beach, SC 29577 Phone: (843) 692-3200 Fax: (843) 692-3210
ORIGINAL DATE: 4/12/19 REVISED DATE:	APPLICANT: MB DEVELOPMENT HOLDINGS, LLC		

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N 720,359.69'
E 2,677,346.24'

ATLANTIC INTRACOASTAL WATERWAY << TO MYRTLE BEACH - TO LITTLE RIVER >>

125' AIWW SETBACK



FLOATING DOCK 1

BOARDWALK

BEGIN PROPOSED
RIP RAP AREA

EXISTING RIP
RAP AREA

MLW = -1.12

MHW = 1.87
MHHW = 2.10

EX. PROP.
LINE

PROPOSED BLDG R2

PLACE PR. RIP RAP
ALONG ENTIRE BANK

NAD 83 STATEPLANE
DATUM: NGVD 88
HWL: 2.10'
MHW: 1.87'
MLW: -1.12'

SAC-2019-00679

Myrtle Beach Mall Redevelopment
Horry County, South Carolina

Date: April 12, 2019

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MYRTLE BEACH MALL
REDEVELOPMENT

BANK STABILIZATION, BOARDWALK,
FLOATING DOCKS
REGULATORY PERMIT

PLAN VIEW D : R-2, BOARDWALK, DOCK

PURPOSE: COMMERCIAL
DEVELOPMENT

COUNTY: HORRY
STATE: SOUTH CAROLINA

SHEET 9 OF 23

DDC PN: 18016E

SCALE: 1" = 20'

ORIGINAL DATE: 4/12/19
REVISED DATE:

APPLICANT: MB DEVELOPMENT
HOLDINGS, LLC

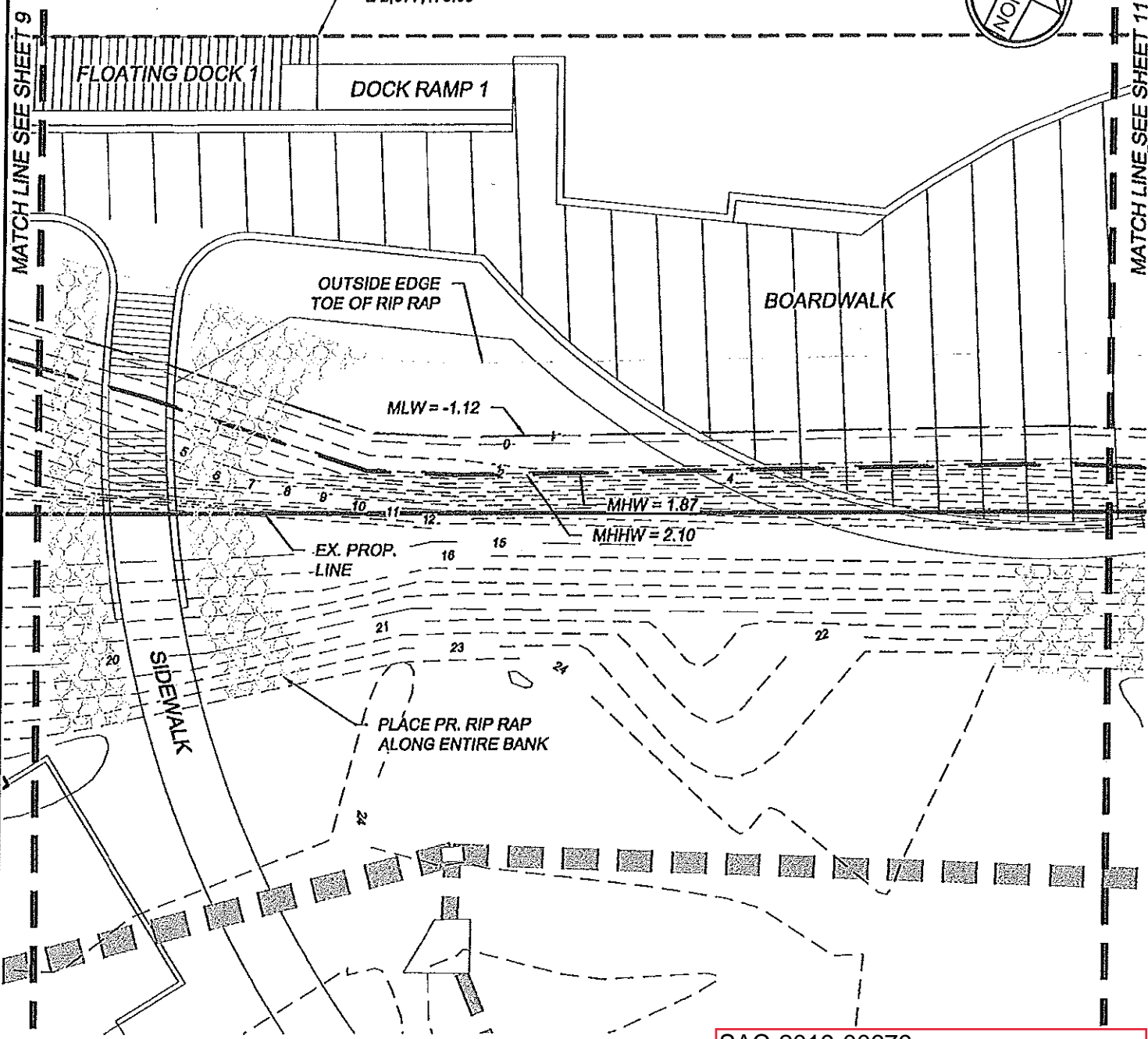
DDC



Consulting Engineers, Surveyors, Planners,
Landscape Architects & Environmentalists
1298 Professional Dr., Myrtle Beach, SC 29577
Phone: (843) 692-3200 Fax: (843) 692-3210


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N 720,428.19'
E 2,677,479.69'



NAD 83 STATEPLANE
DATUM: NGVD 88
HWL: 2.10'
MHW: 1.87'
MLW: -1.12'

SAC-2019-00679
Myrtle Beach Mall Redevelopment
Horry County, South Carolina
Date: April 12, 2019
Sheet 10 of 23

MYRTLE BEACH MALL REDEVELOPMENT	BANK STABILIZATION, BOARDWALK, FLOATING DOCKS REGULATORY PERMIT		PURPOSE: COMMERCIAL DEVELOPMENT
	PLAN VIEW E: BOARDWALK, DOCK		COUNTY: HORRY STATE: SOUTH CAROLINA
SHEET 10 OF 23	DDC PN: 18016E	SCALE: 1" = 20'	 Consulting Engineers, Surveyors, Planners, Landscape Architects & Environmentalists 1293 Professional Dr., Myrtle Beach, SC 29577 Phone: (843) 692-3200 Fax: (843) 692-3210
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MATCH LINE SEE SHEET 10

MATCH LINE SEE SHEET 12

N 720,493.16'
E 2,677,610.49'

BOARDWALK

MLW = -1.12

MHW = 1.87

PROPOSED
ELEVATOR

EX. PROP. LINE

SIDEWALK

PLACE PR. RIP RAP
ALONG ENTIRE BANK

NAD 83 STATEPLANE
DATUM: NGVD 88
HWL: 2.10'
MHW: 1.87'
MLW: -1.12'

SAC-2019-00679
Myrtle Beach Mall Redevelopment
Horry County, South Carolina
Date: April 12, 2019
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MYRTLE BEACH MALL
REDEVELOPMENT

BANK STABILIZATION, BOARDWALK,
FLOATING DOCKS
REGULATORY PERMIT

PLAN VIEW F: BOARDWALK, DOCK, ELEVATOR

PURPOSE: COMMERCIAL
DEVELOPMENT

COUNTY: HORRY
STATE: SOUTH CAROLINA

SHEET 11 OF 23

DDC PN: 18016E

SCALE: 1" = 20'

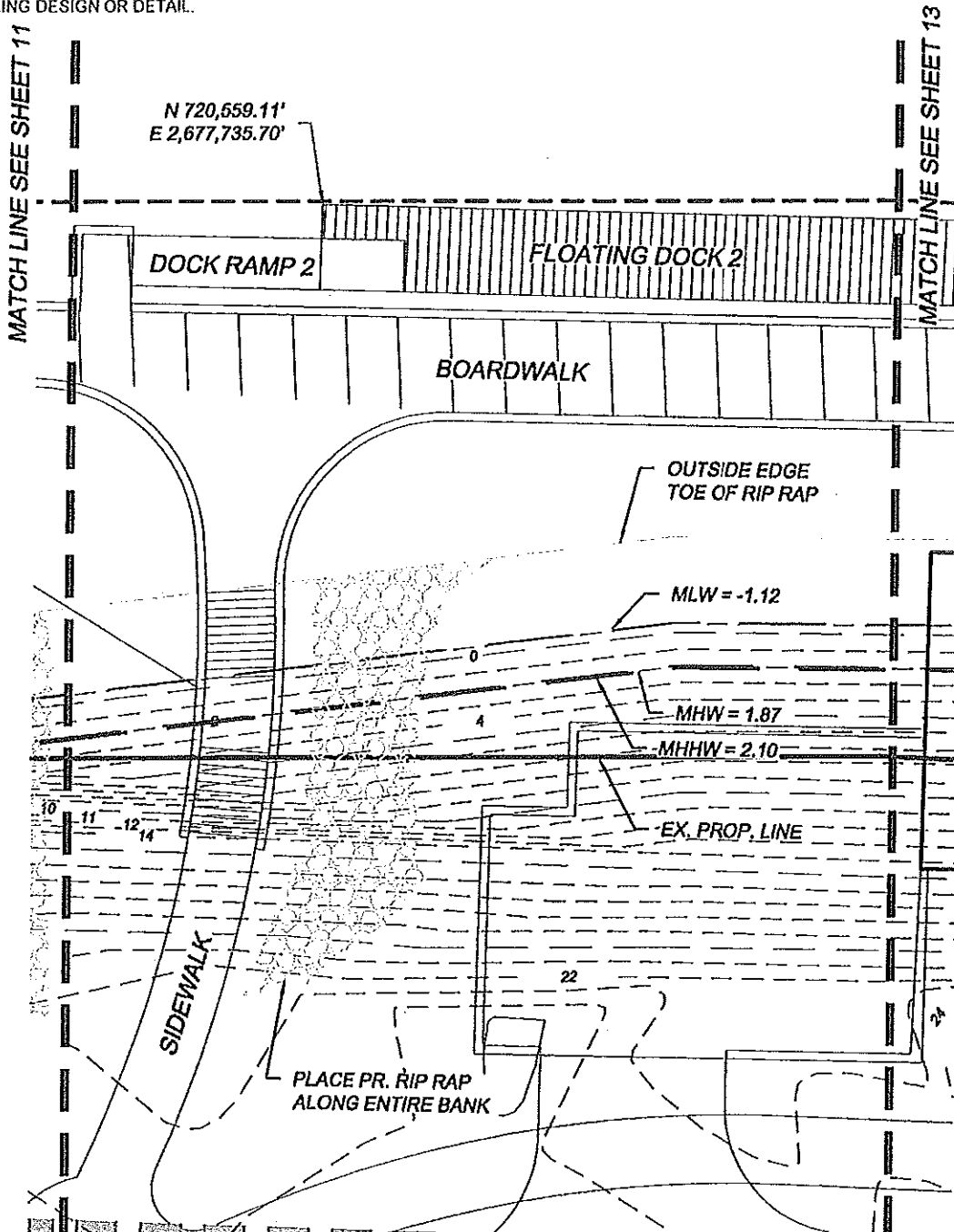
ORIGINAL DATE: 4/12/19
REVISED DATE:

APPLICANT: MB DEVELOPMENT
HOLDINGS, LLC




Consulting Engineers, Surveyors, Planners,
Landscape Architects & Environmentalists
1293 Professional Dr., Myrtle Beach, SC 29577
Phone: (843) 692-3200 Fax: (843) 692-3210

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MLW: -1.12'

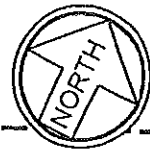
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Horry County, South Carolina
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Sheet 12 of 23

MYRTLE BEACH MALL REDEVELOPMENT	BANK STABILIZATION, BOARDWALK, FLOATING DOCKS REGULATORY PERMIT		PURPOSE: COMMERCIAL DEVELOPMENT
	PLAN VIEW G : BOARDWALK, DOCK		COUNTY: HORRY STATE: SOUTH CAROLINA
SHEET 12 OF 23	DDC PN: 18016E	SCALE: 1" = 20'	 Consulting Engineers, Surveyors, Planners, Landscape Architects & Environmentalists 1258 Professional Dr., Myrtle Beach, SC 29577 Phone: (843) 692-3200 Fax: (843) 692-3210
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N 720,624.12'
E 2,677,870.88'

125' AIWW SETBACK



MATCH LINE SEE SHEET 12

MATCH LINE SEE SHEET 14

FLOATING DOCK 2

BOARDWALK

OUTSIDE EDGE
TOE OF RIP RAP

MLW = -1.12

EX. PROP. LINE

MHW = 1.87

MHHW = 2.10

PROPOSED BLDG R3

PLACE PR. RIP RAP
ALONG ENTIRE BANK

SIDEWALK

ROADWAY

NAD 83 STATEPLANE
DATUM: NGVD 88
HWL: 2.10'
MHW: 1.87'
MLW: -1.12'

SAC-2019-00679

Myrtle Beach Mall Redevelopment
Horry County, South Carolina
Date: April 12, 2019
Sheet 13 of 23

MYRTLE BEACH MALL
REDEVELOPMENT

BANK STABILIZATION, BOARDWALK,
FLOATING DOCKS
REGULATORY PERMIT

PURPOSE: COMMERCIAL
DEVELOPMENT

PLAN VIEW H: R-3 BOARDWALK, DOCK

COUNTY: HORRY
STATE: SOUTH CAROLINA

SHEET 13 OF 23

DDC PN: 18016E

SCALE: 1" = 20'

ORIGINAL DATE: 4/12/19
REVISED DATE:

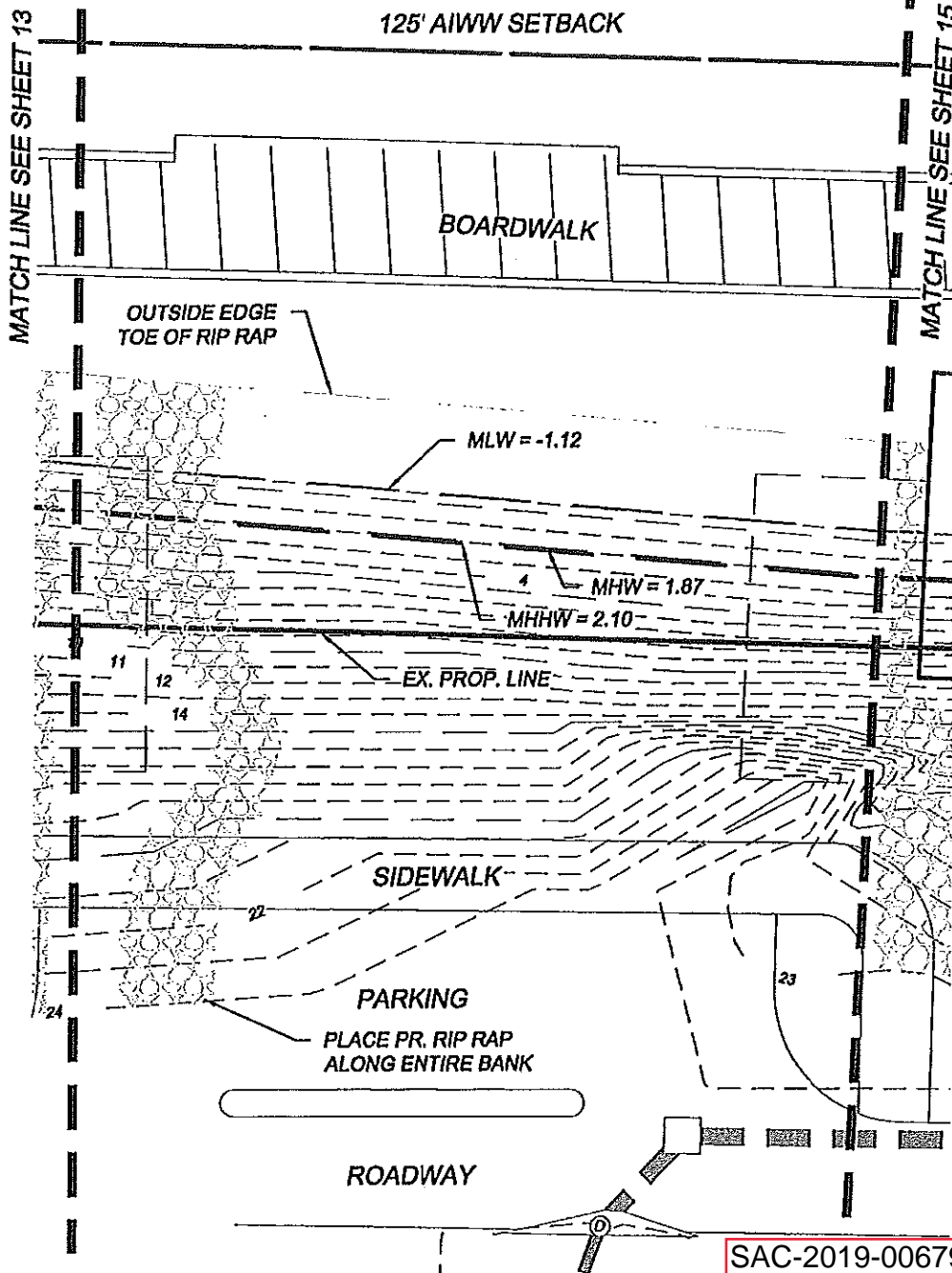
APPLICANT: MB DEVELOPMENT
HOLDINGS, LLC

DDC




Consulting Engineers, Surveyors, Planners,
Landscape Architects & Environmentalists
1298 Professional Dr., Myrtle Beach, SC 29577
Phone: (843) 692-3200 Fax: (843) 692-3210

NOTE:
THIS DRAWING IS FOR PERMITTING
PURPOSES ONLY AND IS NOT TO BE USED
FOR ENGINEERING DESIGN OR DETAIL.



NAD 83 STATEPLANE
DATUM: NGVD 88
HWL: 2.10'
MHW: 1.87'
MLW: -1.12'

SAC-2019-00679
Myrtle Beach Mall Redevelopment
Horry County, South Carolina
Date: April 12, 2019
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MYRTLE BEACH MALL REDEVELOPMENT	BANK STABILIZATION, BOARDWALK, FLOATING DOCKS REGULATORY PERMIT		PURPOSE: COMMERCIAL DEVELOPMENT COUNTY: HORRY STATE: SOUTH CAROLINA
	PLAN VIEW I: BOARDWALK		
SHEET 14 OF 23	DDC PN: 18016E	SCALE: 1" = 20'	<div>DDC</div> <div></div> <div>Consulting Engineers, Surveyors, Planners, Landscape Architects & Environmentalists 1298 Professional Dr., Myrtle Beach, SC 29577 Phone: (843) 692-3200 Fax: (843) 692-3210</div>
ORIGINAL DATE: 4/12/19 REVISED DATE:	APPLICANT: MB DEVELOPMENT HOLDINGS, LLC		

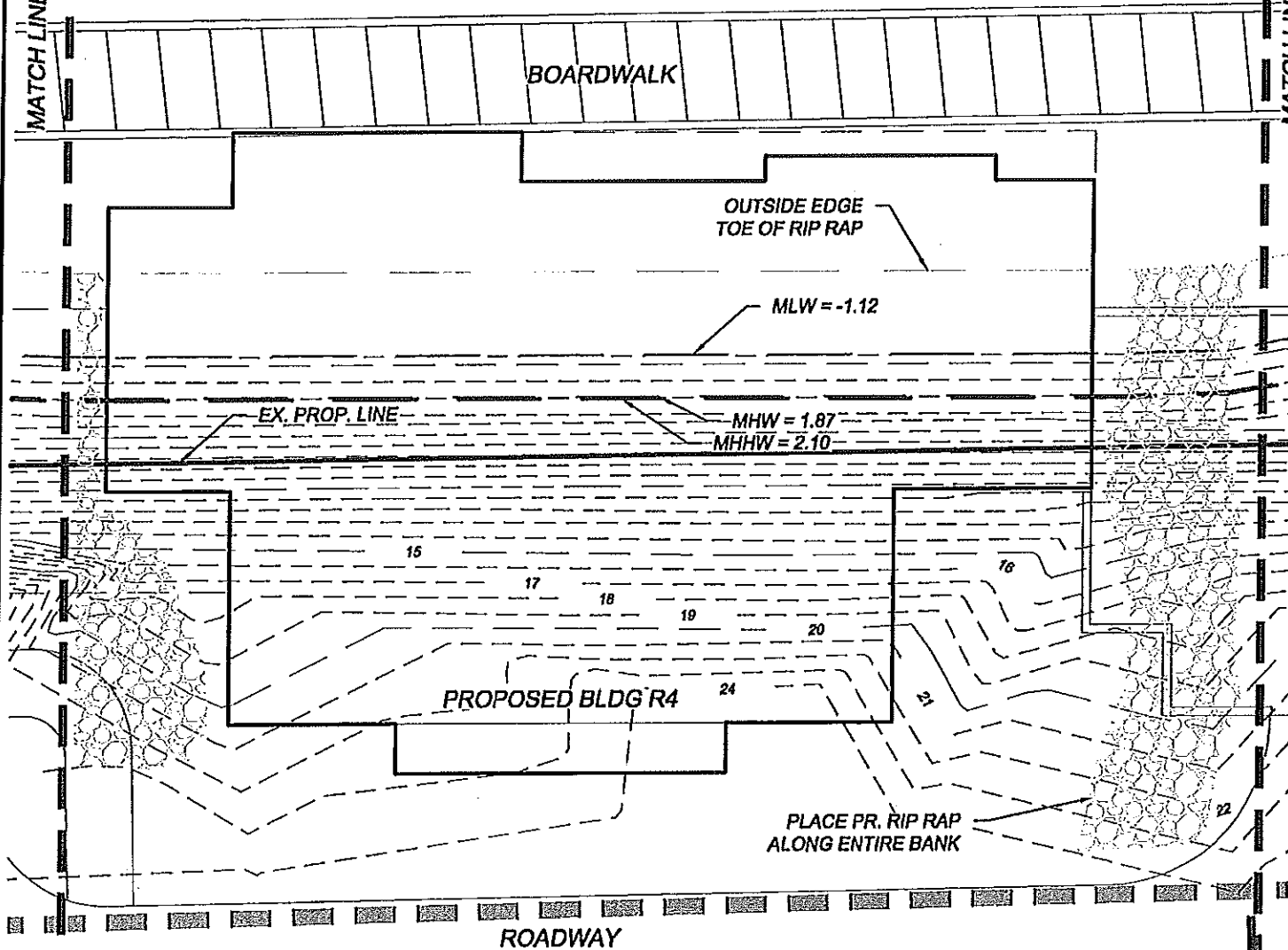
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ATLANTIC INTRACOASTAL WATERWAY
<< TO MYRTLE BEACH - TO LITTLE RIVER >>
125' AIWW SETBACK


MATCH LINE SEE SHEET 14

MATCH LINE SEE SHEET 16

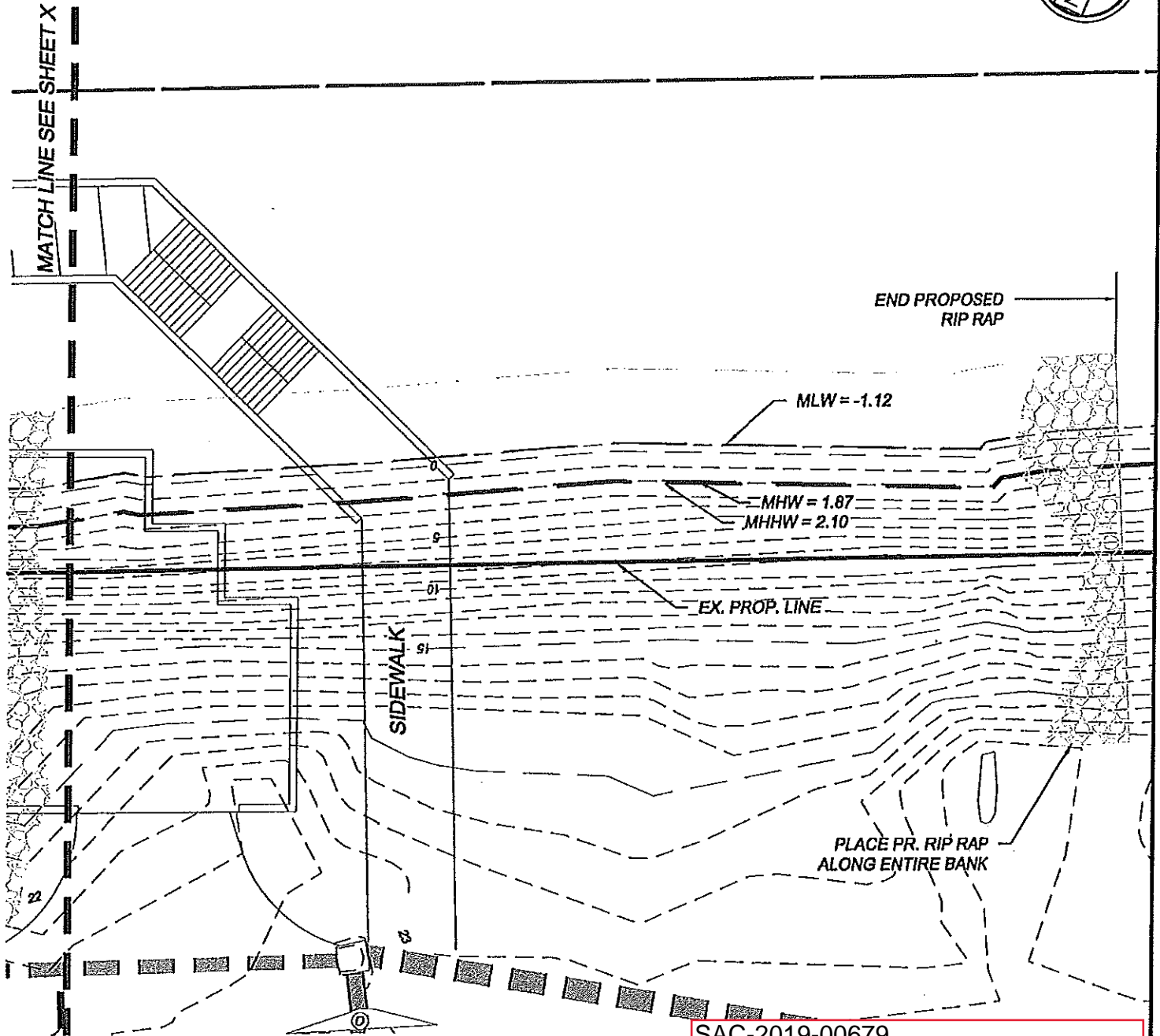


SAC-2019-00679
Myrtle Beach Mall Redevelopment
Horry County, South Carolina
Date: April 12, 2019
Sheet 15 of 23

NAD 83 STATEPLANE
DATUM: NGVD 88
HWL: 2.10'
MHW: 1.87'
MLW: -1.12'


MYRTLE BEACH MALL REDEVELOPMENT	BANK STABILIZATION, BOARDWALK, FLOATING DOCKS REGULATORY PERMIT		PURPOSE: COMMERCIAL DEVELOPMENT COUNTY: HORRY STATE: SOUTH CAROLINA
	PLAN VIEW J: R-4, BOARDWALK		
SHEET 15 OF 23	DDC PN: 18016E	SCALE: 1" = 20'	 Consulting Engineers, Surveyors, Planners, Landscape Architects & Environmentalists 1298 Professional Dr., Myrtle Beach, SC 29577 Phone: (843) 692-3200 Fax: (843) 692-3210
ORIGINAL DATE: 4/12/19 REVISED DATE:	APPLICANT: MB DEVELOPMENT HOLDINGS, LLC		

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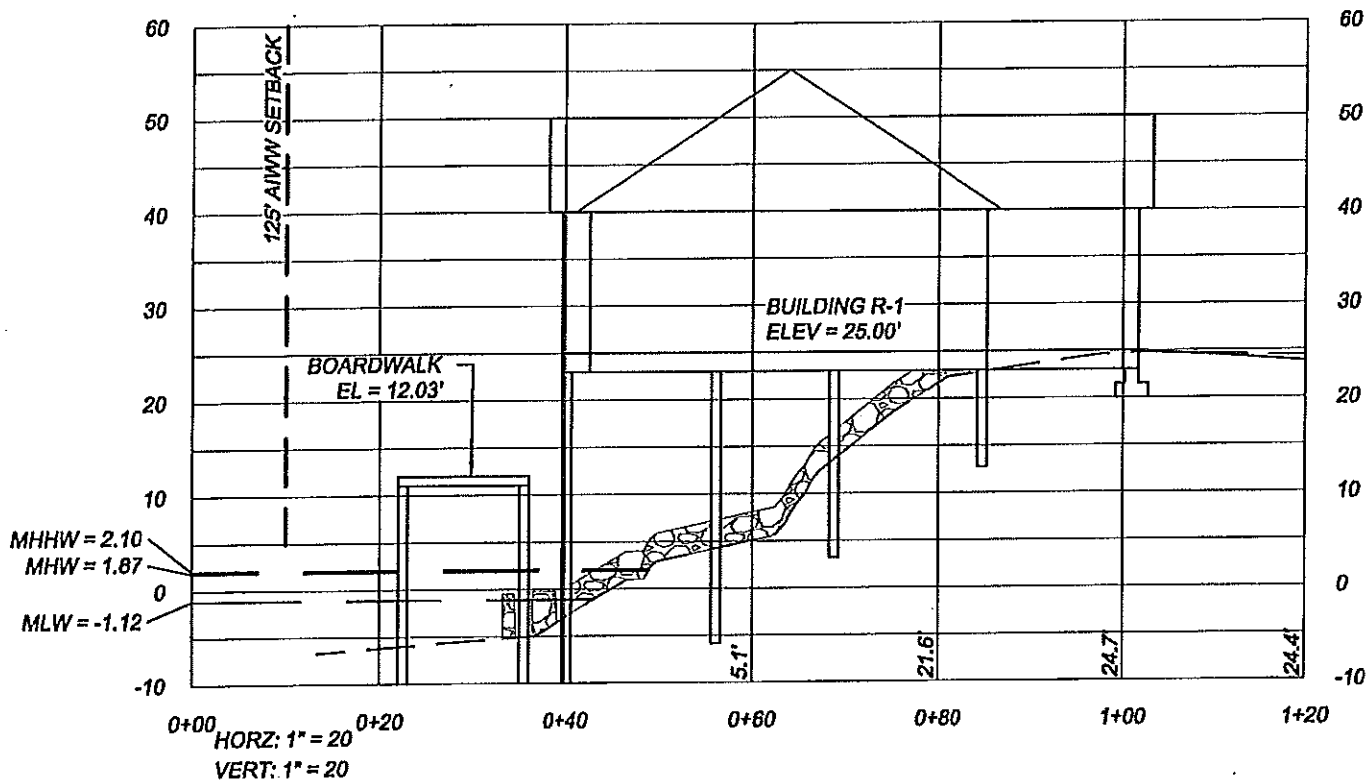


NAD 83 STATEPLANE
DATUM: NGVD 88
HWL: 2.10'
MHW: 1.87'
MLW: -1.12'

SAC-2019-00679
Myrtle Beach Mall Redevelopment
Horry County, South Carolina
Date: April 12, 2019
Sheet 16 of 23


MYRTLE BEACH MALL REDEVELOPMENT	BANK STABILIZATION, BOARDWALK, FLOATING DOCKS REGULATORY PERMIT		PURPOSE: COMMERCIAL DEVELOPMENT
	PLAN VIEW K: BOARDWALK, NORTH EAST END		COUNTY: HORRY STATE: SOUTH CAROLINA
SHEET 16 OF 23	DDC PN: 18016E	SCALE: 1" = 20'	 Consulting Engineers, Surveyors, Planners, Landscape Architects & Environmentalists 1298 Professional Dr., Myrtle Beach, SC 29577 Phone: (843) 692-3200 Fax: (843) 692-3210
ORIGINAL DATE: 4/12/19 REVISED DATE:	APPLICANT: MB DEVELOPMENT HOLDINGS, LLC		

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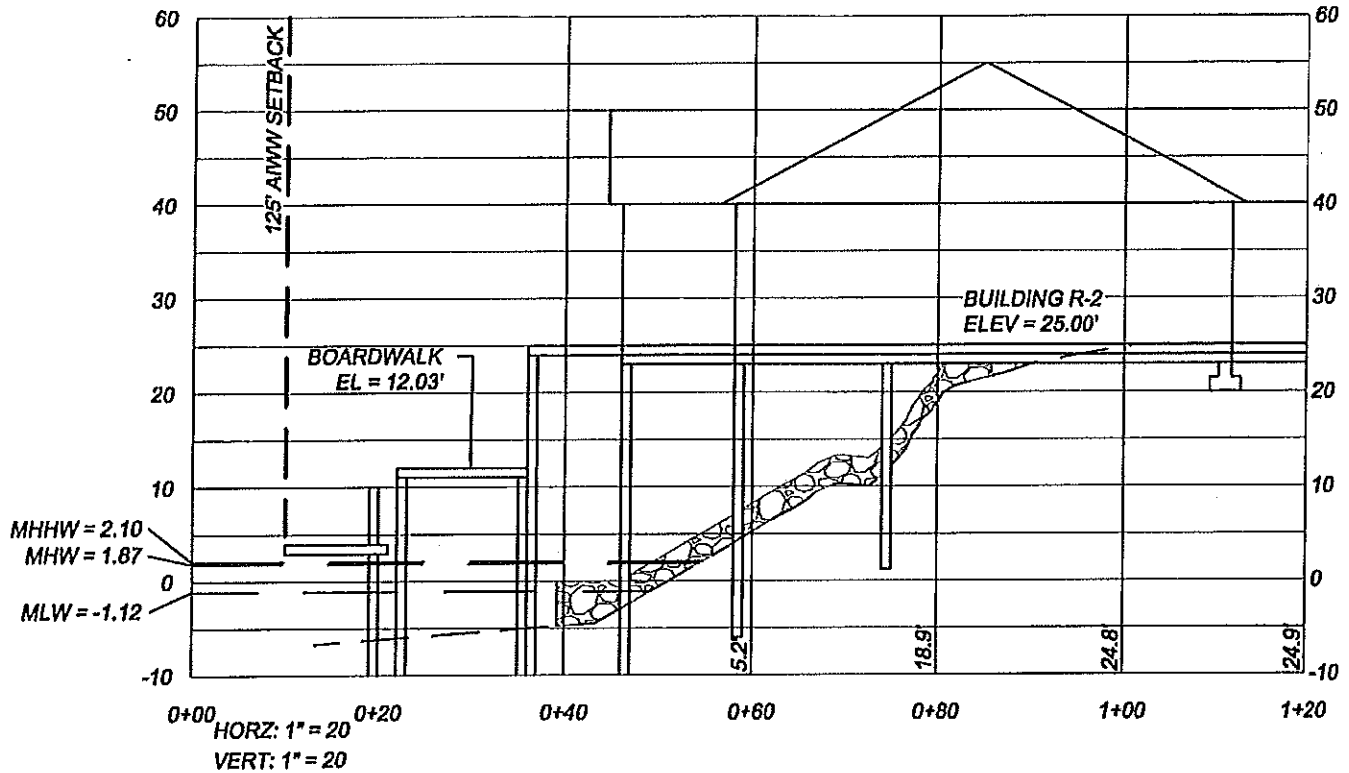


NAD 83 STATEPLANE
DATUM: NGVD 88
HWL: 2.10'
MHW: 1.87'
MLW: -1.12'

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Horry County, South Carolina
Date: April 12, 2019
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MYRTLE BEACH MALL REDEVELOPMENT	BANK STABILIZATION, BOARDWALK, FLOATING DOCKS REGULATORY PERMIT		PURPOSE: COMMERCIAL DEVELOPMENT
	PROFILE VIEW : R-1, BOARDWALK		COUNTY: HORRY STATE: SOUTH CAROLINA
SHEET 17 OF 23	DDC PN: 18016E	SCALE: 1" = 20'	<div>DDC</div> <div></div> <div>Consulting Engineers, Surveyors, Planners, Landscape Architects & Environmentalists 1298 Professional Dr., Myrtle Beach, SC 29577 Phone: (843) 692-3200 Fax: (843) 692-3210</div>
ORIGINAL DATE: 4/12/19 REVISED DATE:	APPLICANT: MB DEVELOPMENT HOLDINGS, LLC		

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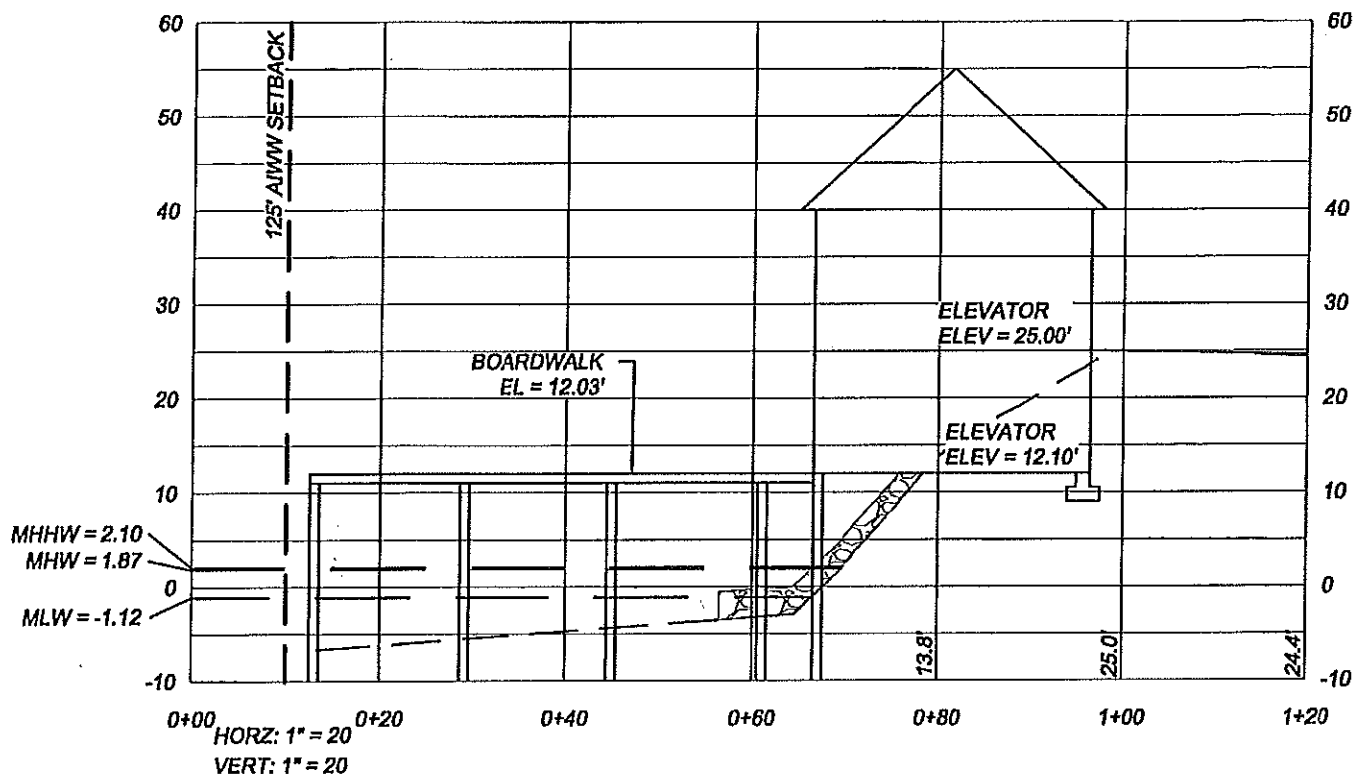


NAD 83 STATEPLANE
DATUM: NGVD 88
HWL: 2.10'
MHW: 1.87'
MLW: -1.12'

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Myrtle Beach Mall Redevelopment
Horry County, South Carolina
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MYRTLE BEACH MALL REDEVELOPMENT	BANK STABILIZATION, BOARDWALK, FLOATING DOCKS REGULATORY PERMIT		PURPOSE: COMMERCIAL DEVELOPMENT
	PROFILE VIEW : R-2, BOARDWALK, DOCK		COUNTY: HORRY STATE: SOUTH CAROLINA
SHEET 18 OF 23	DDC PN: 18016E	SCALE: 1" = 20'	 Consulting Engineers, Surveyors, Planners, Landscape Architects & Environmentalists 1298 Professional Dr., Myrtle Beach, SC 29577 Phone: (843) 692-3200 Fax: (843) 692-3210
ORIGINAL DATE: 4/12/19 REVISED DATE:	APPLICANT: MB DEVELOPMENT HOLDINGS, LLC		

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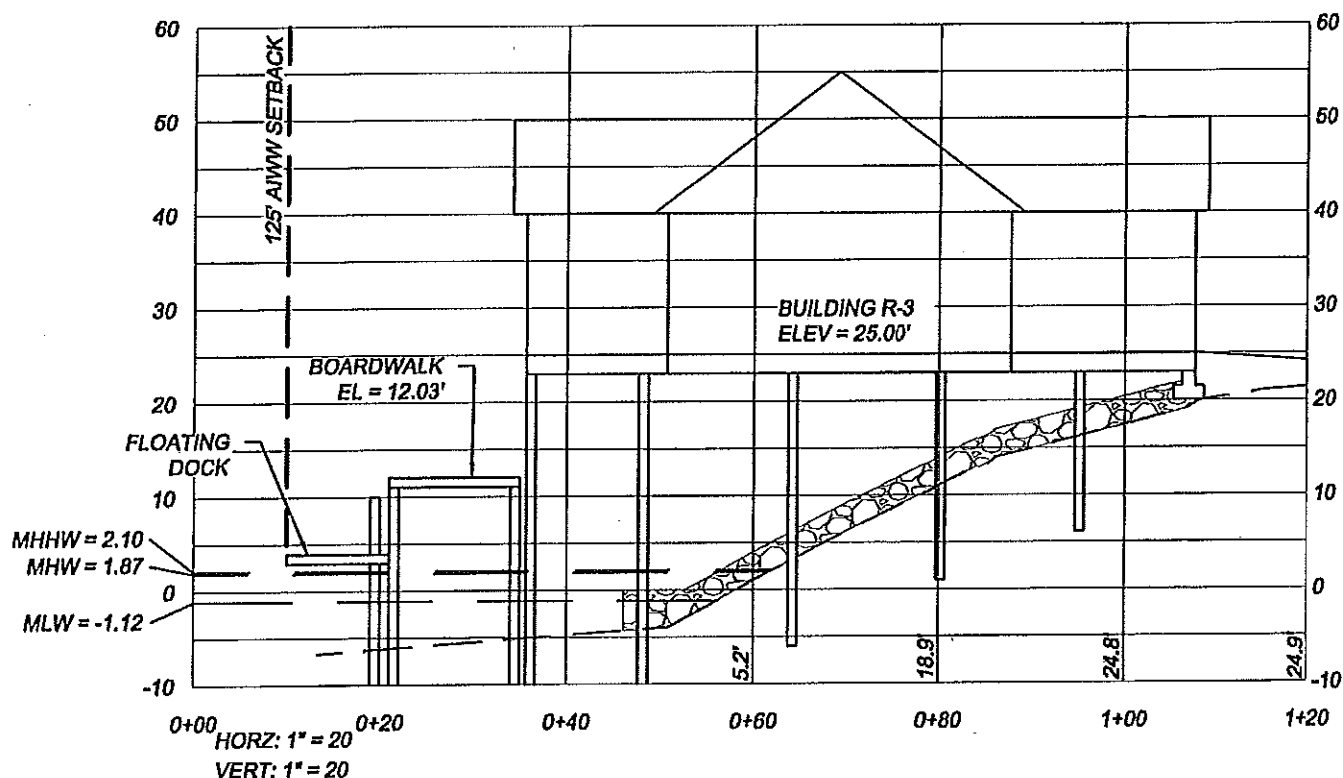


NAD 83 STATEPLANE
DATUM: NGVD 88
HWL: 2.10'
MHW: 1.87'
MLW: -1.12'

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Myrtle Beach Mall Redevelopment
Horry County, South Carolina
Date: April 12, 2019
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MYRTLE BEACH MALL REDEVELOPMENT	BANK STABILIZATION, BOARDWALK, FLOATING DOCKS REGULATORY PERMIT		PURPOSE: COMMERCIAL DEVELOPMENT
	PROFILE VIEW : ELEVATOR, BOARDWALK, DOCK		COUNTY: HORRY STATE: SOUTH CAROLINA
SHEET 19 OF 23	DDC PN: 18016E	SCALE: 1" = 20'	 Consulting Engineers, Surveyors, Planners, Landscape Architects & Environmentalists 1298 Professional Dr., Myrtle Beach, SC 29577 Phone: (843) 692-3200 Fax: (843) 692-3210
ORIGINAL DATE: 4/12/19 REVISED DATE:	APPLICANT: MB DEVELOPMENT HOLDINGS, LLC		

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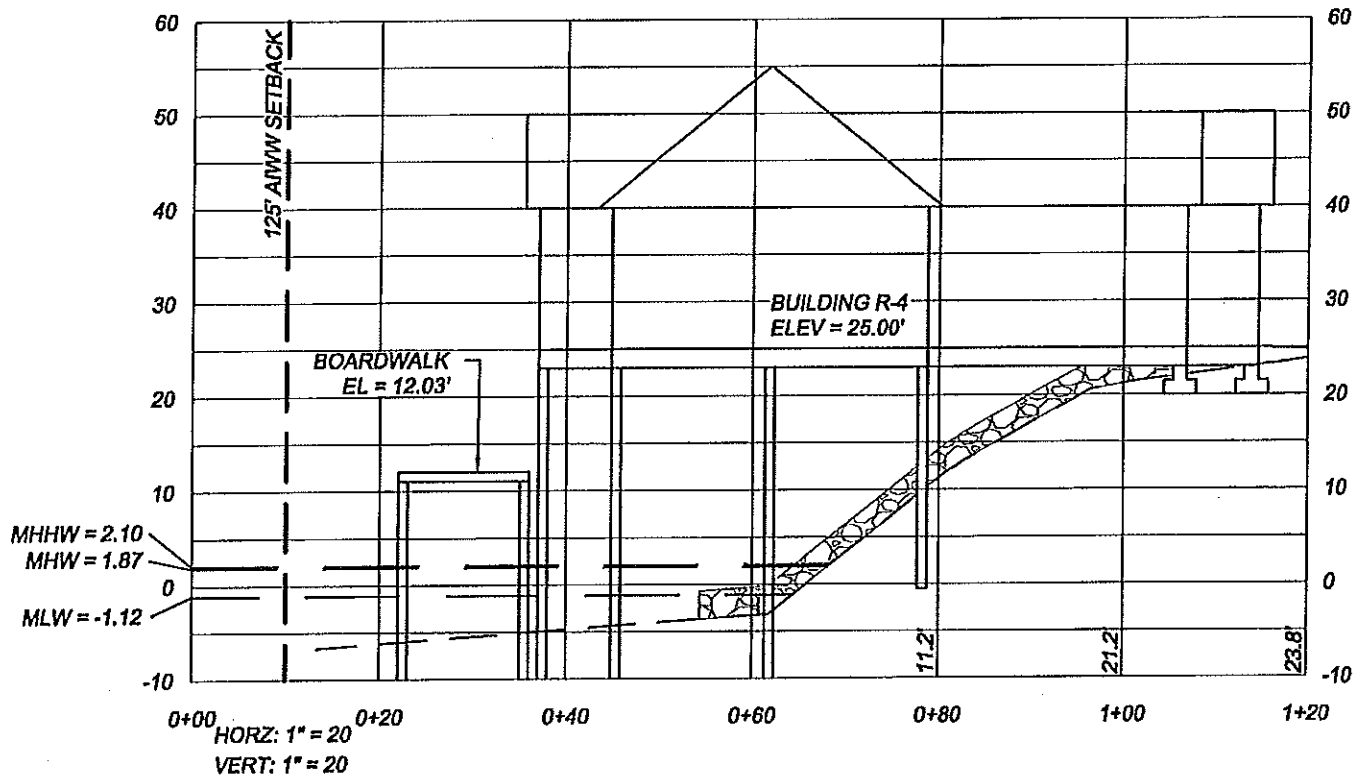


NAD 83 STATEPLANE
DATUM: NGVD 88
HWL: 2.10'
MHW: 1.87'
MLW: -1.12'

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Myrtle Beach Mall Redevelopment
Horry County, South Carolina
Date: April 12, 2019
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MYRTLE BEACH MALL REDEVELOPMENT	BANK STABILIZATION, BOARDWALK, FLOATING DOCKS REGULATORY PERMIT		PURPOSE: COMMERCIAL DEVELOPMENT
	PROFILE VIEW : R-3, BOARDWALK, DOCK		COUNTY: HORRY STATE: SOUTH CAROLINA
SHEET 20 OF 23	DDC PN: 18016E	SCALE: 1" = 20'	 Consulting Engineers, Surveyors, Planners, Landscape Architects & Environmentalists 1298 Professional Dr., Myrtle Beach, SC 29577 Phone: (843) 692-3200 Fax: (843) 692-3210
ORIGINAL DATE: 4/12/19 REVISED DATE:	APPLICANT: MB DEVELOPMENT HOLDINGS, LLC		

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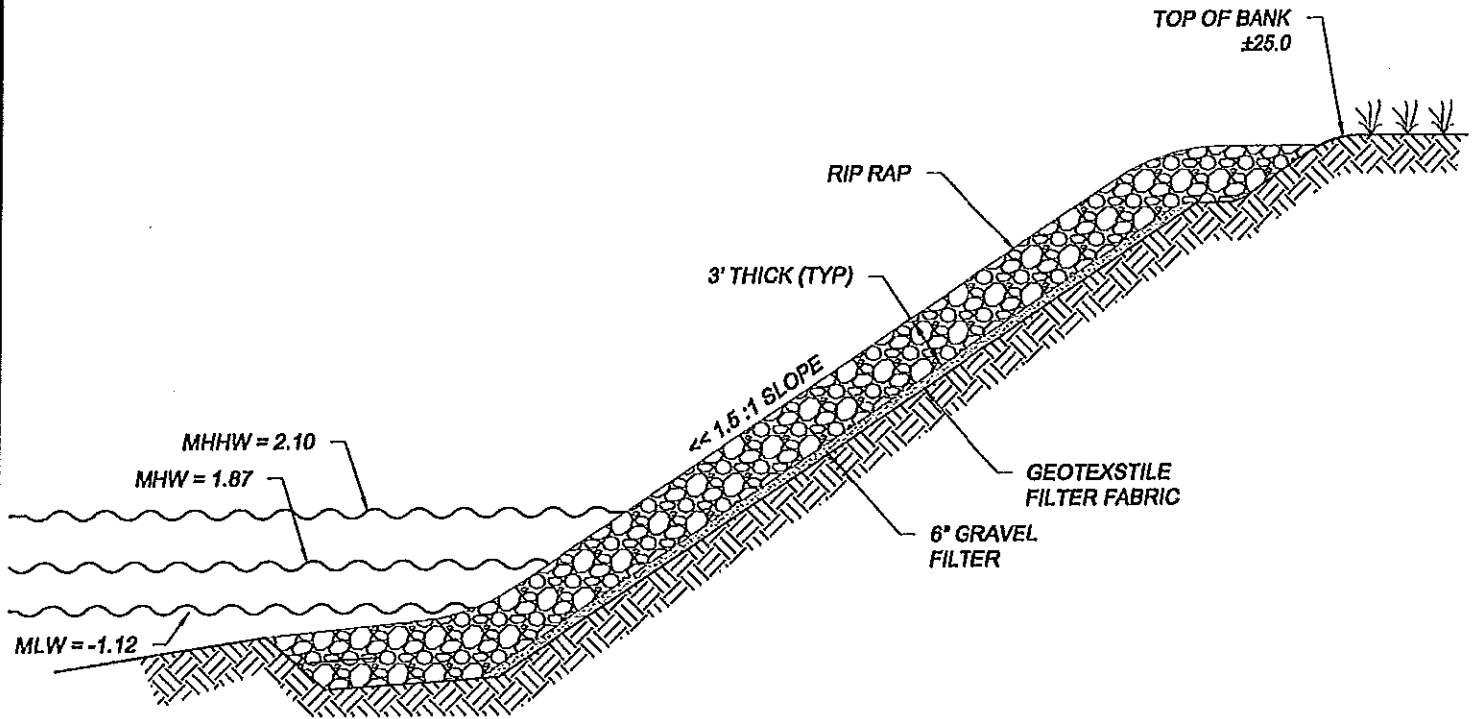


NAD 83 STATEPLANE
DATUM: NGVD 88
HWL: 2.10'
MHW: 1.87'
MLW: -1.12'

SAC-2019-00679
Myrtle Beach Mall Redevelopment
Horry County, South Carolina
Date: April 12, 2019
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MYRTLE BEACH MALL REDEVELOPMENT	BANK STABILIZATION, BOARDWALK, FLOATING DOCKS REGULATORY PERMIT		PURPOSE: COMMERCIAL DEVELOPMENT
	PROFILE VIEW : R-4, BOARDWALK		COUNTY: HORRY STATE: SOUTH CAROLINA
SHEET 21 OF 23	DDC PN: 18016E	SCALE: 1" = 20'	 Consulting Engineers, Surveyors, Planners, Landscape Architects & Environmentalists 1298 Professional Dr., Myrtle Beach, SC 29577 Phone: (843) 692-3200 Fax: (843) 692-3210
ORIGINAL DATE: 4/12/19 REVISED DATE:	APPLICANT: MB DEVELOPMENT HOLDINGS, LLC		

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NAD 83 STATEPLANE
DATUM: NGVD 88
HWL: 2.10'
MHW: 1.87'
MLW: -1.12'

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Myrtle Beach Mall Redevelopment
Horry County, South Carolina
Date: April 12, 2019
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MYRTLE BEACH MALL REDEVELOPMENT	BANK STABILIZATION, BOARDWALK, FLOATING DOCKS REGULATORY PERMIT		PURPOSE: COMMERCIAL DEVELOPMENT COUNTY: HORRY STATE: SOUTH CAROLINA
	PROPOSED RIP RAP DETAIL		
SHEET 22 OF 23	DDC PN: 18018E	SCALE: NTS	 Consulting Engineers, Surveyors, Planners, Landscape Architects & Environmentalists 1295 Professional Dr., Myrtle Beach, SC 29577 Phone: (843) 692-3200 Fax: (843) 692-3210
ORIGINAL DATE: 4/12/19 REVISED DATE:	APPLICANT: MB DEVELOPMENT HOLDINGS, LLC		

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IMPACT QUANTITIES BELOW MHHW

TYPE IMPACT	TOTAL AREA	TOTAL QUANTITY
Boardwalk	20,556 S.F.	n/a
Dock 1	10' x 150' = 1,500 S.F.	n/a
Dock 1 Ramp	6' x 32' = 192 S.F.	n/a
Dock 2	10' x 150' = 1,500 S.F.	n/a
Dock 2 Ramp	6' x 32' = 192 S.F.	n/a
Rip-Rap Entire Bank	55' x 870' = 47,850 S.F.	3' x 55' x 870' = 143,550 C.F. 5,317 C.Y.
Rip-Rap Below MHHW	18' x 870' = 15,660 S.F.	3' x 18' x 870' = 46,980 C.F. 1,740 C.Y.

NOTES: Dimensions of Boardwalk vary. Area calculations done by
computer on a scaled plan view drawing.

Only the Rip-Rap below MHHW is an impact. Total Rip-Rap
quantity included for clarity.


IMPACT QUANTITIES OF BUILDINGS AND ATTACHED DECKS BELOW MHW

TYPE IMPACT	BUILDING S.F.	ATTACHED DECK S.F.	TOTAL AREA S.F.
Restaurant R-1	1,780	388	2,168
Restaurant R-2	1,097	339	1,436
Restaurant R-3	2,668	137	2,805
Restaurant R-4	3,335	808	4,143
Elevator	31	-	31
Total	8,911	1,672	10,583

NAD 83 STATEPLANE
DATUM: NGVD 88
HWL: 2.10'
MHW: 1.87'
MLW: -1.12'

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Myrtle Beach Mall Redevelopment
Horry County, South Carolina
Date: April 12, 2019
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MYRTLE BEACH MALL REDEVELOPMENT	BANK STABILIZATION, BOARDWALK FLOATING DOCKS REGULATORY PERMIT		COUNTY: HORRY STATE: SOUTH CAROLINA
	IMPACT QUANTITIES BELOW MHHW		
SHEET 23 OF 23	DDC PN: 18016E	SCALE: NTS	 Consulting Engineers, Surveyors, Planners, Landscape Architects & Environmentalists 1298 Professional Dr., Myrtle Beach, SC 29577 Phone: (843) 692-3200 Fax: (843) 692-3210
ORIGINAL DATE: 4/12/19 REVISED DATE:	APPLICANT: MB DEVELOPMENT HOLDINGS, LLC		