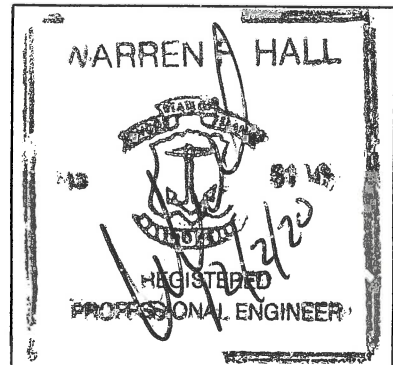


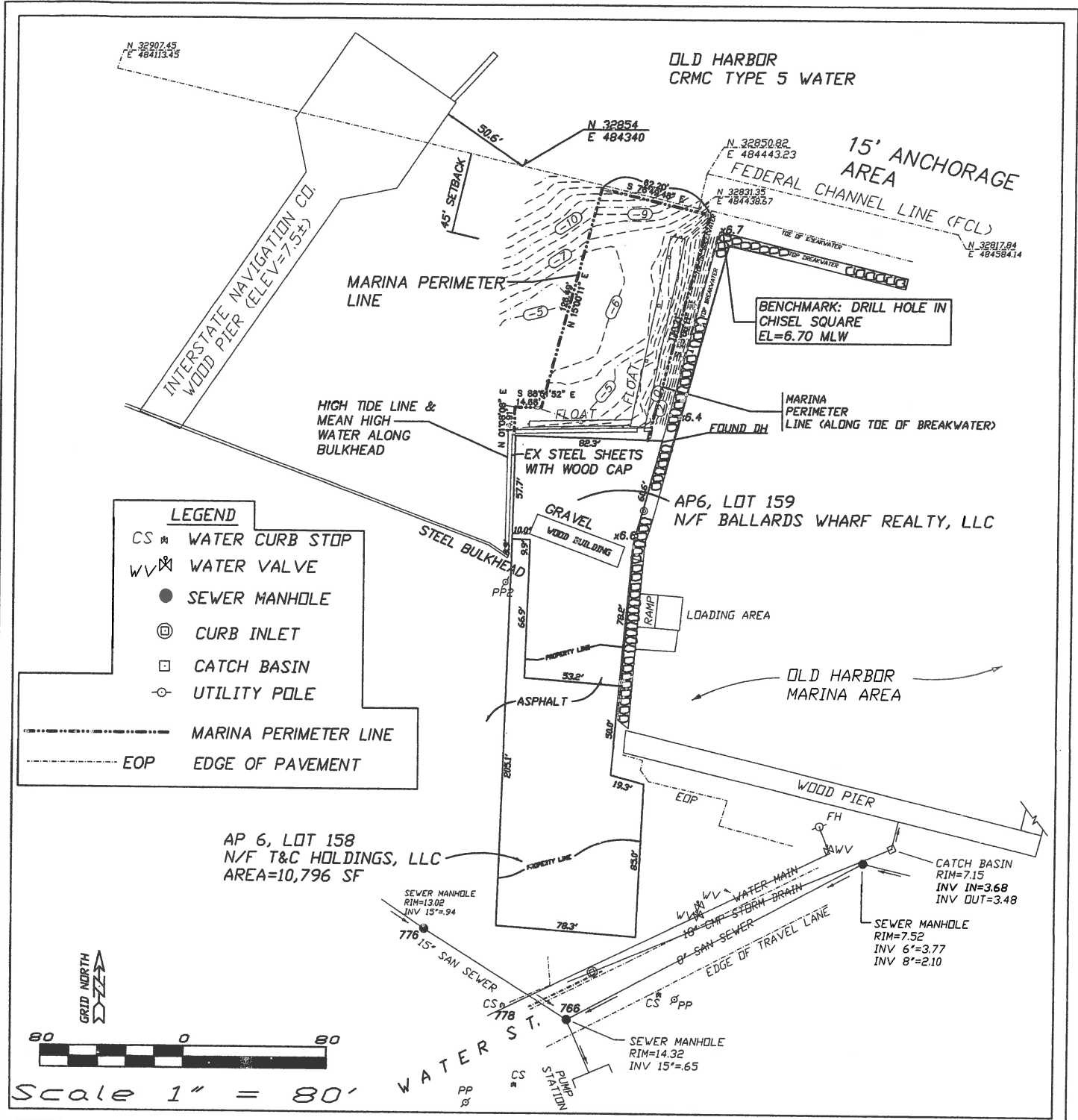
LOCUS PLAN

MAINTENANCE DREDGE FOR:
 BALLARDS WHARF REALTY, LLC
 AP 6, LOT 159, NEW SHOREHAM, RI
 BY: WARREN HALL, CIVIL ENGINEER
 SHEET 1 OF 5 DECEMBER 2, 2020



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EXISTING CONDITIONS PLAN

PROPOSED MAINTENANCE DREDGE FOR:
 BALLARDS WHARF REALTY, LLC
 AP 6, LOT 159, NEW SHOREHAM, RI
 BY: WARREN HALL, CIVIL ENGINEER

SHEET 2 OF 5 DECEMBER 2, 2020

WARREN F. HALL

REGISTERED PROFESSIONAL ENGINEER

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Scale 1" = 50'

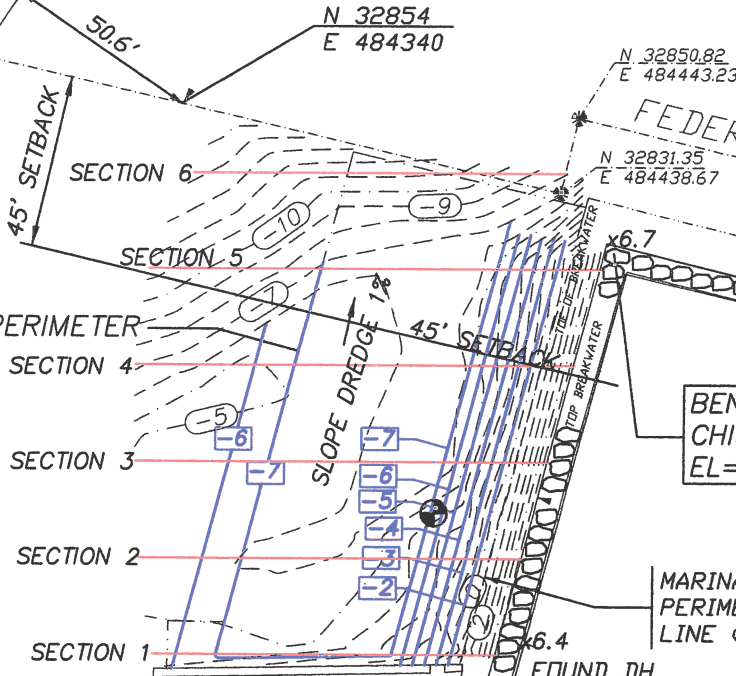
OLD HARBOR
CRMC TYPE 5 WATER

EXISTING PIER

FEDERAL CHANNEL LINE
TOE OF BREAKWATER
TOP BREAKWATER



MARINA PERIMETER LINE



BENCHMARK: DRILL HOLE IN
CHISEL SQUARE
EL=6.70 MLW

MARINA PERIMETER LINE (ALONG TOE OF BREAKWATER)

HIGH TIDE LINE &
MEAN HIGH
WATER ALONG
BULKHEAD

EX STEEL SHEETS
WITH WOOD CAP

GRAVEL
WOOD BUILDING

AP6, LOT 159
N/F BALLARDS WHARF
REALTY, LLC

STEEL BULKHEAD

LOADING AREA
RAMP

OLD HARBOR
MARINA AREA

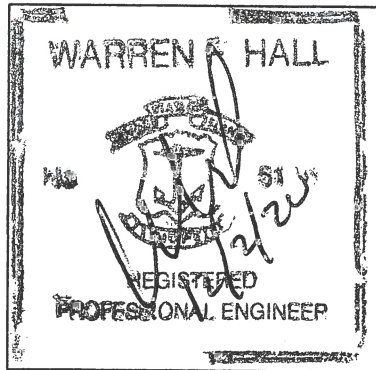
REFERENCE PREVIOUS
DREDGE PERMITS:
ACE: 2004-436
CRMC: 2011-10-103
RIDEM: DP-11-111
WQ CERT: 11-053

LEGEND

- PROPOSED CONTOUR
- MARINA PERIMETER LINE
- SAMPLE LOCATION

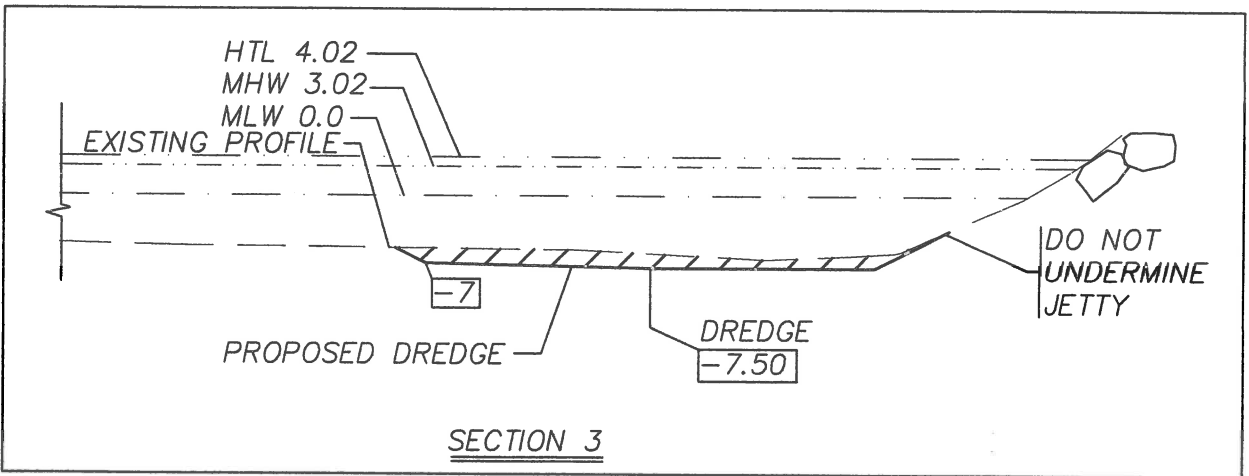
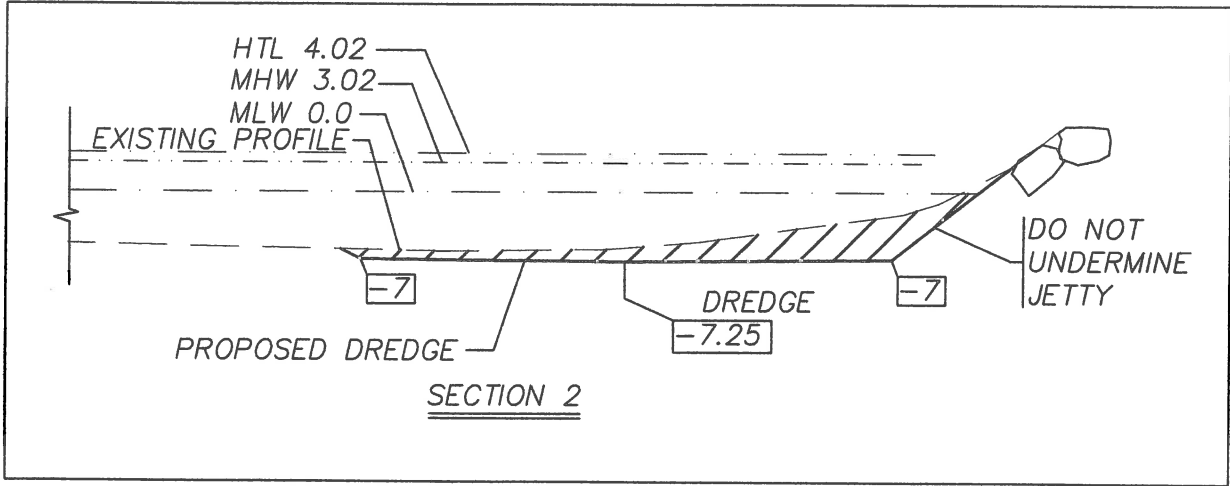
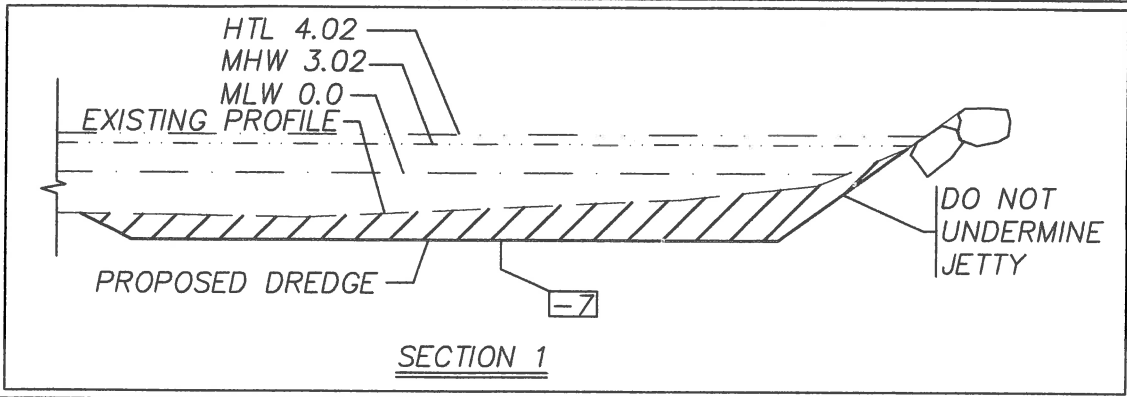
PROPOSED CONDITIONS PLAN

PROPOSED MAINTENANCE DREDGE FOR:
BALLARDS WHARF REALTY, LLC
AP 6, LOT 159, NEW SHOREHAM, RI
BY: WARREN HALL, CIVIL ENGINEER
SHEET 3 OF 5
DECEMBER 2, 2020



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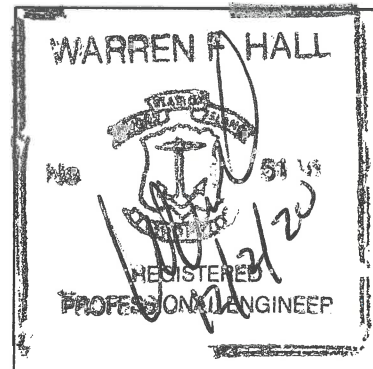
DEC 14 2020



Scale 1" = 20'

PROFILE 1 THRU 3
1"=20'

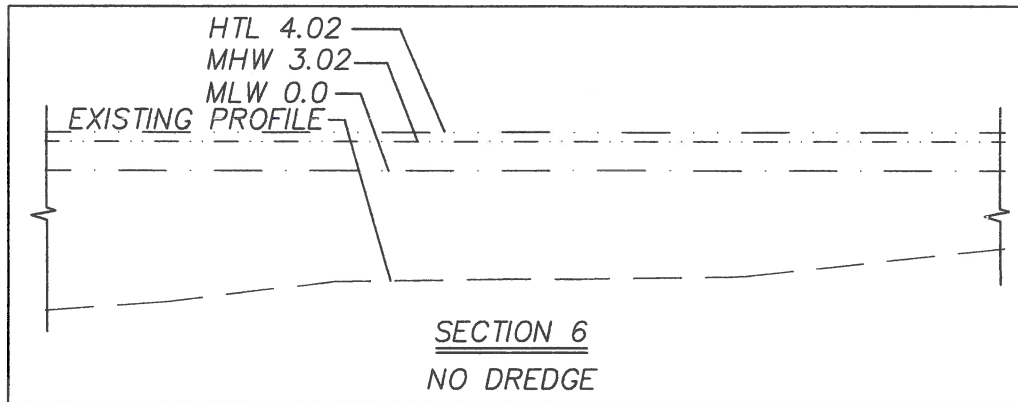
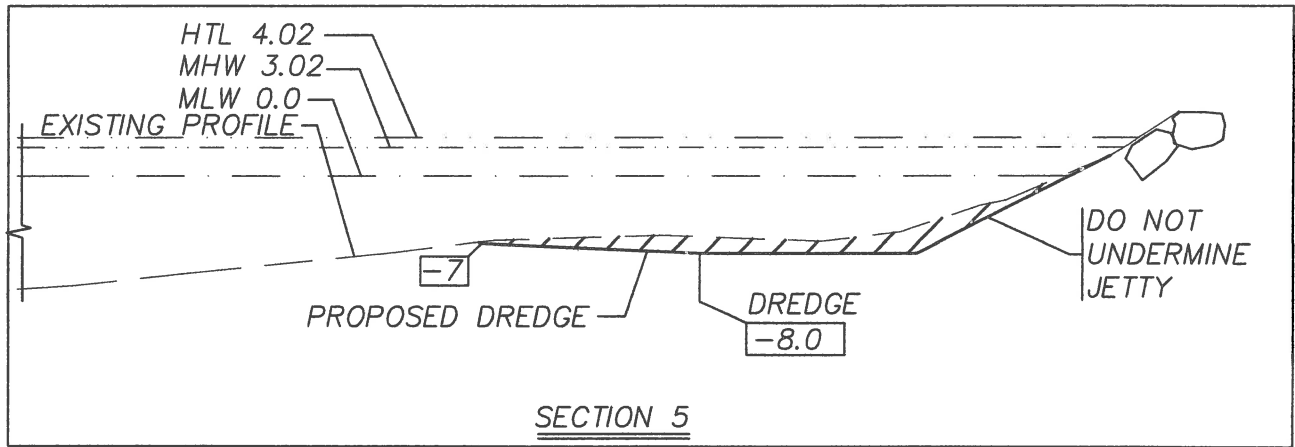
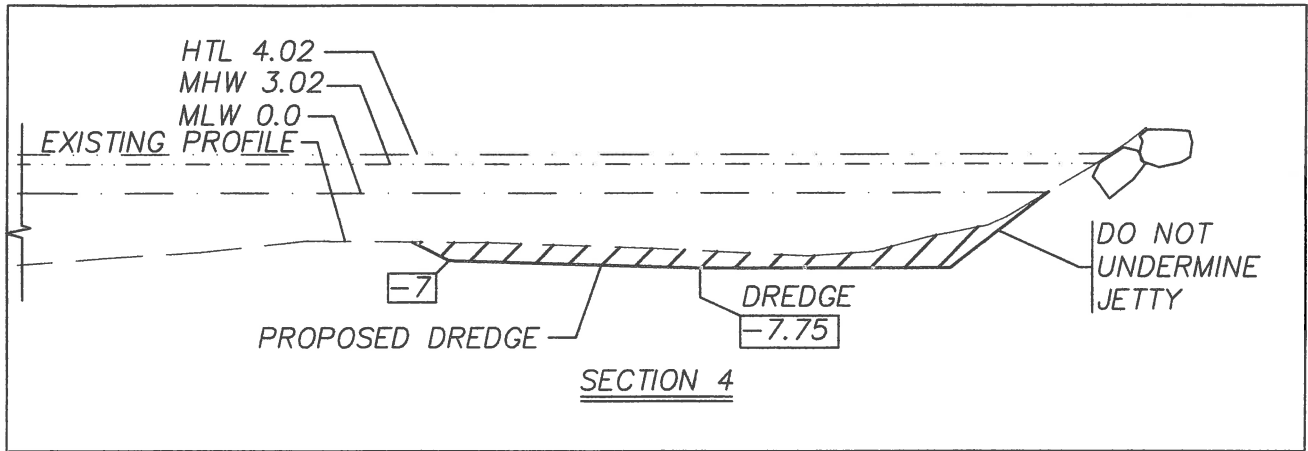
PROPOSED MAINTENANCE DREDGE FOR:
BALLARDS WHARF REALTY, LLC
AP 6, LOT 159, NEW SHOREHAM, RI
BY: WARREN HALL, CIVIL ENGINEER
SHEET 4 OF 5 DECEMBER 2, 2020



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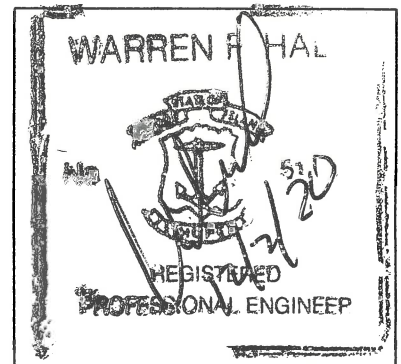
COASTAL RESOURCES



Scale 1" = 20'

PROFILE 4 THRU 6
1"=20'

PROPOSED MAINTENANCE DREDGE FOR:
BALLARDS WHARF REALTY, LLC
AP 6, LOT 159, NEW SHOREHAM, RI
BY: WARREN HALL, CIVIL ENGINEER
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COASTAL RESOURCES
MANAGEMENT COUNCIL

BLOCK ISLAND, RHODE ISLAND

Old Harbor - Crescent Beach - Scotch Beach

SHORELINE CHANGE 1952-2016

Bryan A. Oakley, Robert J. Hollis, Alexia N. Bohnenkamper
 Scott A. Kasmissen and Jon C. Boothroyd

With contributions from Michael A. Manzi, Samantha L. Boyle and Joshua Bartosiewicz

EXPLANATION

DIGITAL SHORELINE ANALYSIS

DSAS Transect
 Baseline

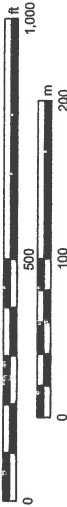
SHORELINE

Wet/Dry Lines
 1952
 2016

SHORELINE CHANGE

Transect ID
 Shoreline Change Distance
 Shoreline Change Rate

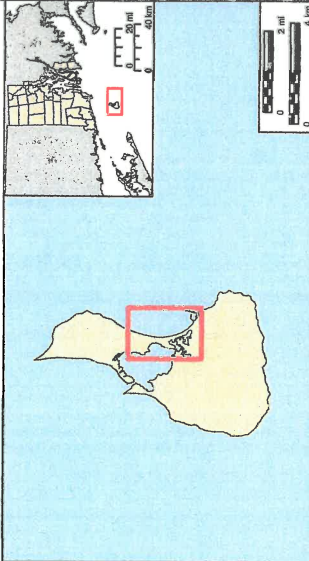
Scale



2016 RI Eelgrass Taskforce Orthophotograph Base



7 August 2017



Printed by WPA 11/21/20
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COASTAL RESOURCES
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Shoreline Change Map printed 11/21/20 by WPA

BLOCK ISLAND, RHODE ISLAND
 Old Harbor - Crescent Beach - Scotch Beach

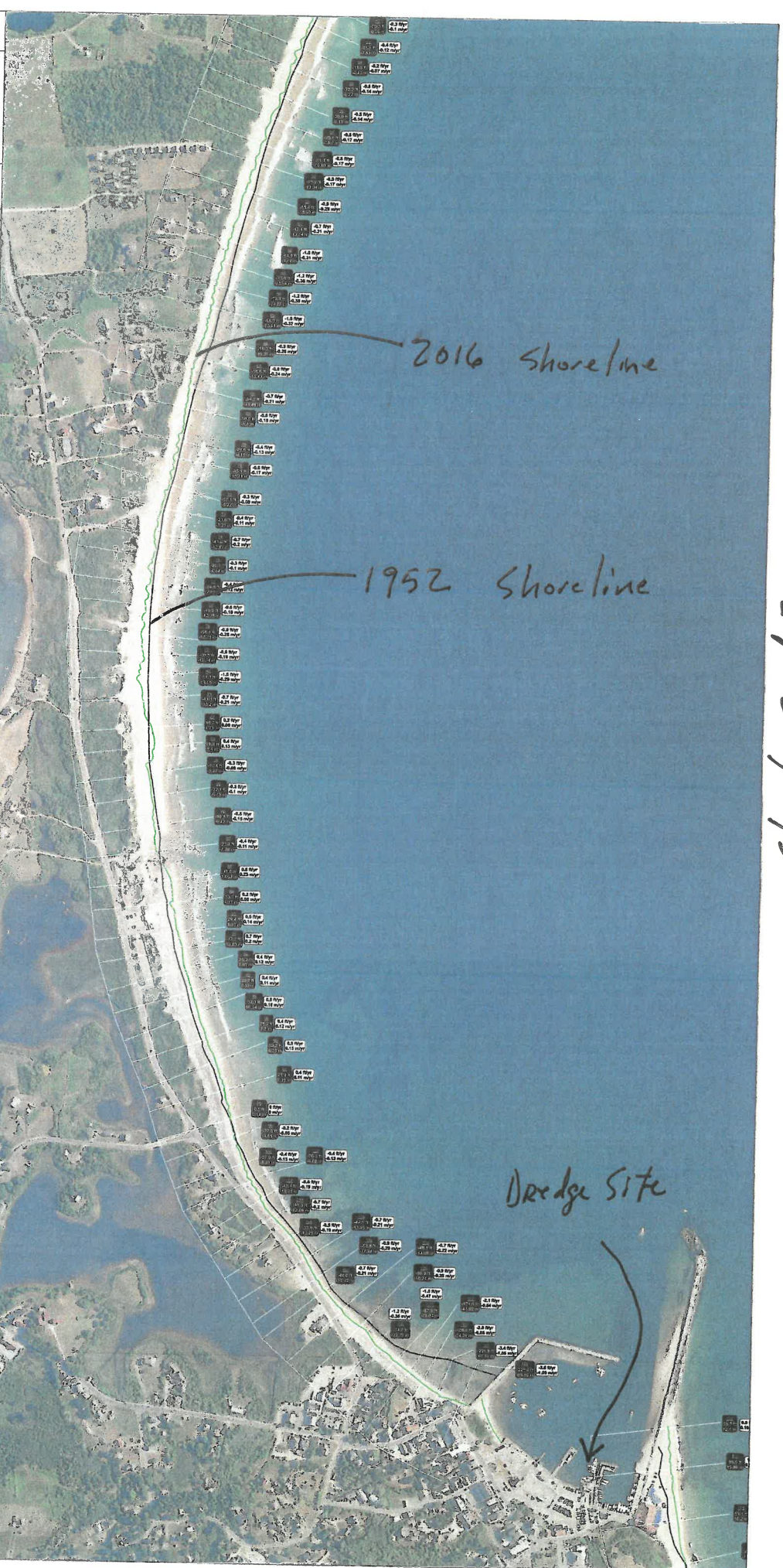
SHORELINE CHANGE 1952-2016
 Bryn A. Oakley, Robert J. Hollis, Alexa N. Bohnenkamper
 Scott A. Rasmussen and Jon G. Boothroyd
 With contributions from Michael A. Mand, Samantha L. Boyle and Joshua Bartolovic

EXPLANATION

DIGITAL SHORELINE ANALYSIS	SHORELINE	SHORELINE CHANGE
<input checked="" type="checkbox"/> 2016 Thematic	<input checked="" type="checkbox"/> 1952	<input checked="" type="checkbox"/> 1952-2016
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		<input checked="" type="checkbox"/> 1952-2016

Scale: 0 500 1,000
 2016 RI Esri/arc Tassefer Orthophoto Base

UNIVERSITY OF RHODE ISLAND
 CRMC
 7 August 2017



2016 Shoreline

1952 Shoreline

Dredge Site

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