



**TOWN OF REDINGTON BEACH
BOARD REGULAR MEETING AGENDA
Wednesday, March 2, 2022
6:30 P.M.**

Town Hall

Assembly Hall

- 1. CALL TO ORDER**
- 2. PLEDGE OF ALLEGIANCE**
- 3. ROLL CALL**
- 4. APPROVAL OF AGENDA**
- 5. PUBLIC FORUM: Non-Agenda Items Only NOTE:** A three-minute time limit applies to all comments from the public on non-agenda items only. If a person wishes to address the Board of Commissioners, please fill out a "Speakers Card" and give it to the Town Clerk prior to the start of the meeting.
- 6. REPORTS**

Public Safety	Commissioner Kornijtschuk
Building/Code	Commissioner Skjoldager
Public Works/Parks	Commissioner Cariello
Finance	Vice Mayor Dorgan
Mayor	
Town Clerk	
Attorney Eschenfelder	
Boards & Committees	
Library Report	
- 7. CONSENT AGENDA**
 - A. Board Regular Meeting Minutes, February 16, 2022**
 - B. Bill List for Day Ending February 25, 2022**
- 8. UNFINISHED BUSINESS**
 - A. Final Reading: Ordinance 2022-01: An Ordinance of the Town of Redington Beach, Florida, Amending Chapter 17 of the Town Code (Signs) to Clarify Prohibitions on Vehicle Signs; Making related Findings; Providing for Codification, Severability, and for an Effective Date.**
 - B. Final Reading: Ordinance 2022-02: An Ordinance of the Town of Redington Beach, Florida, Amending 15-28 of the Town Code to Clarify the Eligibility for Service on the Town Planning Board; Making Related Findings; providing for Codification, Severability, and for an Effective Date.**
- 9. NEW BUSINESS**
 - A. 2020-2021 Audit Presentation**
 - B. Park Board Appointment: Alternate**



- C. **First Reading: Ordinance 2022-03: An Ordinance of the Town of Redington Beach, Florida, Amending 5-57 of the Town Code Concerning Dock Construction Standards; Providing for Codification, Severability, and for an Effective Date.**
- D. **First Reading: Ordinance 2022-04: an Ordinance of the Town of Redington Beach, Florida, Amending 5-53 and 5-56 of the Town Code Concerning Seawall Construction; Providing for Codification, Severability, and for an Effective Date.**

10. OTHER BUSINESS

11. ADJOURNMENT

Note: The Town of Redington Beach Board of Commissioners meet the First and Third Wednesday of each month beginning at 6:30 p.m.

The Town of Redington Beach Board of Commissioners may take action on any matter during this meeting, including items that are not set forth within this agenda.

Minutes of the Board of Commissioners meeting may be obtained from the Town Clerk's office. The meetings may be recorded. The Minutes are not transcribed verbatim. It is the policy of the Board of Commissioners to make "action minutes" of all meetings

Persons requiring a verbatim transcript of any Town meeting (for purposes of appeal or otherwise) should make arrangements to have a certified Court Reporter, at their own cost and expense, present at the meeting.

Persons who wish to appeal any decision made by the Board of Commissioners with respect to any matter considered at this meeting will need a record of the proceedings, and for such purpose may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is based. (F.S 286.0105) **Notice Regarding Special Accommodations: (F.S. 286.26)**



TOWN OF REDINGTON BEACH, FLORIDA
REGULAR MEETING MINUTES
Wednesday, February 16, 2022
6:30 p.m.

Having been duly advertised as required by law, the **Regular Meeting** of the Board of Commissioners of the Town of Redington Beach, Florida, was held on Wednesday, February 16, 2022, at 6:30 p.m., in Redington Beach Town Hall at 105 164th Avenue, Redington Beach Florida.

Mayor Will called the **Meeting** to order.

Roll Call

	Present	Absent
Commissioner Cariello	X	
Commissioner Kornijtschuk	X	
Commissioner Skjoldager	X	
Vice-Mayor Dorgan	X	
Mayor Will	X	
Town Attorney Eschenfelder	X	
Deputy Clerk Nieves	X	

Agenda: Motion by Commissioner Kornijtschuk and seconded by Commissioner Cariello to approve the agenda. Motion passed with all ayes.

Public Forum: NONE

REPORTS

Public Safety

- Nothing to Report

Building/Code

- Nothing to Report

Public Works/Parks

- Commissioner Cariello reported on the following:
 - Members of the Park Board were present to discuss the upcoming Mardi Gras parade and Gumbo Cook-Off to be held 2/19/22.
 - Duke Energy has installed new street lighting on 1st St E.
 - Seminole Septic has completed the cleaning and mapping segment of the stormwater improvement project.

Finance

- Nothing to report

Mayor

- Nothing to report

Town Clerk

- Nothing to Report

Town Attorney

- Nothing to Report

Boards and Committees

- Vice-Mayor Dorgan introduced **Finance Committee** member James Hoffman, 15910 Redington Drive. Mr. Hoffman reported that the Finance Committee met on February 10, 2022 and discussed American Rescue Plan Act (ARPA) funds and priorities for the Town. Priorities include:
 - Renovations to the Public Works building and Town Hall
 - Continue to improve the Town's Stormwater Management plan
 - Playground renovations

Mr. Hoffman also noted that the Finance Committee determined the Town is ineligible to apply for grant funding through the Florida Small Cities Community Development Block Grant Program, as the Town does not meet the requirements. Mayor Will encouraged Mr. Hoffman to reach out to RJ Myers, the consultant hired by the Town to obtain appropriations for town-wide road resurfacing.

Library Report

- Vice-Mayor Dorgan reported that the next meeting of the Library Board will be held on February 28, 2022 and new members will be introduced at that time.

CONSENT AGENDA

- A. Board Regular Meeting Minutes, February 2, 2022**
- B. Bill List for Day Ending February 11, 2022**

Motion by Commissioner Kornijtschuk and seconded by Commissioner Cariello to approve the consent agenda. Motion passed with all ayes.

UNFINISHED BUSINESS

A. Playground refurbishment

Parks and Recreation Board members Tiffany Terracciano, 15904 1st St E. and Fran Massucci, 16219 Redington Drive, reported to the Commission about the 5-12 year-old playground refurbishment project. The Park Board met earlier that day and after a brief discussion, voted to recommend the proposal from Playworx which includes extending the turf and adding a new "maypole". Kristine Frost, Playworx representative was present to answer any additional questions posed by the Commissioners.

Motion by Commissioner Cariello and seconded by Commissioner Kornijtschuk to approve the playground proposal presented by the Park Board. Motion passed with all ayes.

	Motion	Second	Aye	Nay	Absent
Commissioner Cariello	X		X		
Commissioner Kornijtschuk		X	X		
Commissioner Skjoldager			X		
Vice Mayor Dorgan			X		
Mayor Will			X		

Park Board Chairperson Terracciano presented each Commission member with a special invitation to judge the Gumbo Cook-off on Saturday, February 19th, 2022.

NEW BUSINESS

NONE

OTHER BUSINESS

NONE

With no further business, the regular meeting was adjourned at 6:46pm.

Adopted: March 2, 2022

Adriana Nieves, Deputy Town Clerk

INVOICE APPROVAL LIST BY FUND REPORT

Date: 02/25/2022

Time: 11:40 am

Page: 1

Town of Redington Beach

Fund/Dept/Acct	Vendor Name	Invoice #	Invoice Desc.	Check #	Due Date	Posting Date	Amount
Fund: 101 General Fund							
Dept: 512 Town Clerk							
101-512-512.410 Telephone	CHARTER COMMUNICATION	056775401020922	2/8/22-3/7/22	0	02/09/2022	02/09/2022	199.96
							199.96
101-512-512.411 Internet Services	CHARTER COMMUNICATION	056775401020922	2/8/22-3/7/22	0	02/09/2022	02/09/2022	142.97
							142.97
101-512-512.510 Office Supplies	CHASE CARD SERVICES	2022-02-24	Interest	0	02/24/2022	02/24/2022	0.21
							0.21
101-512-512.542 Dues & Subscrip	CHASE CARD SERVICES	2022-02-11	Microsoft 365 2022-2023	0	02/11/2022	02/11/2022	69.99
	CHASE CARD SERVICES	2104821103	Adobe Pro DC 2022-2023	0	02/11/2022	02/11/2022	179.88
							249.87
Total Dept. Town Clerk:							593.01
Dept: 513 Finance & Admin							
101-513-513.320 Audit Fee	CLIFTON LARSON ALLEN LL	3155049	FY 21 Audit Services	0	02/24/2022	02/24/2022	3,801.00
							3,801.00
Total Dept. Finance & Admin:							3,801.00
Dept: 514 Legal Counsel							
101-514-514.310 Legislative Coun:	SHUMAKER ADVISORS FLOI	1558	Feb. 2022 Consulting	0	02/01/2022	02/01/2022	2,750.00
							2,750.00
Total Dept. Legal Counsel:							2,750.00
Dept: 539 Department of Public V							
101-539-539.440 P/W Utilities	DUKE ENERGY	9100-8701-8726-2022-02-24	1/14/22-2/10/22	0	02/14/2022	02/14/2022	59.50
							59.50
Total Dept. Department of Public Works:							59.50
Dept: 572 Parks and Recreation							
101-572-572.430 Utilities	DUKE ENERGY	9100-8701-8924-2022-02-24	1/14/22-2/10/22	0	02/14/2022	02/14/2022	31.82
							31.82
101-572-572.461 Maintenance - Bu	HOME DEPOT CREDIT SERV	025960/1022294	Buoys, pesticide, oil, clamps	0	02/25/2022	02/25/2022	19.82
							19.82
101-572-572.462 Maintenance - Gi	HIGHLAND PRODUCTS GRO	310021340	BENCH - Perera	0	02/21/2022	02/21/2022	748.00
	HOME DEPOT CREDIT SERV	025960/1022294	Buoys, pesticide, oil, clamps	0	02/25/2022	02/25/2022	109.79
	PIECZONKA TROPHY OF FLI	63002	Bench signs	0	02/20/2022	02/20/2022	28.00
							885.79
101-572-572.510 Maintenance Equ	DOUDNA'S SEMINOLE MOW	37694	Tires/Tubes mower	0	02/18/2022	02/18/2022	104.50
	EVERGLADES FARM EQUIPI	W10398	Tractor repairs-clutch	0	02/10/2022	02/10/2022	4,525.60
							4,630.10
101-572-572.521 Twin Towers Ope	FLORIDA MONUMENT	220218	RAWLIK Brick	0	02/21/2022	02/21/2022	59.00

Date: 02/25/2022

Time: 11:40 am

Page: 2

Town of Redington Beach

Fund/Dept/Acct	Vendor Name	Invoice #	Invoice Desc.	Check #	Due Date	Posting Date	Amount
							59.00
101-572-572.522	Gasoline & Oil						
	CHASE CARD SERVICES	772136	SPEEDWAY - Diesel	0	02/17/2022	02/17/2022	31.05
	HOME DEPOT CREDIT SERV	025960/1022294	Buoys, pesticide, oil, clamps	0	02/25/2022	02/25/2022	34.79
	WEX BANK	876128	Unleaded	0	02/08/2022	02/08/2022	73.22
	WEX BANK	879643	Unleaded	0	02/10/2022	02/10/2022	33.41
	WEX BANK	888719	Unleaded	0	02/16/2022	02/16/2022	81.48
	WEX BANK	000059	Unleaded	0	02/23/2022	02/23/2022	39.84
							293.79
101-572-572.527	Tools & Equipme						
	HOME DEPOT CREDIT SERV	025960/1022294	Buoys, pesticide, oil, clamps	0	02/25/2022	02/25/2022	31.05
							31.05
101-572-572.599	Swim Buoys						
	HOME DEPOT CREDIT SERV	025960/1022294	Buoys, pesticide, oil, clamps	0	02/25/2022	02/25/2022	122.50
							122.50
Total Dept. Parks and Recreation:							6,073.87
Total Fund General Fund:							13,277.38
Fund: 400 Storm Water							
Dept: 535 Storm Water							
400-535-535.800	Storm Drain Repl						
	WINDRIVER ENVIRONMENT,	5314393	2/4/22 Camera and Vactor truck	0	02/07/2022	02/07/2022	2,337.50
	WINDRIVER ENVIRONMENT,	5322607	2/11/22 Mapping	0	02/14/2022	02/14/2022	600.00
							2,937.50
Total Dept. Storm Water:							2,937.50
Total Fund Storm Water:							2,937.50
Grand Total:							16,214.88

2/18/2022

10261 Payroll	197.05
10262 Payroll	277.05
10263 Payroll	277.05
10264 Payroll	277.05
10265 Payroll	461.75
10266 Payroll	2,435.92
10267 Payroll	1,456.83
10268 Payroll	1,400.31
10269 Payroll	1,093.09
EFT Retirement	1,677.76
EFT Payroll Liabilities	3,792.48

13,346.34

MAYOR WILL

COMMISSIONER KORNIJTSCHUK

COMMISSIONER SKJOLDAGER

VICE MAYOR DORGAN

ATTEST:

COMMISSIONER CARIELLO

Missy Clarke, CMC, Town Clerk

Regular Meeting of March 2, 2022

ORDINANCE NO. 2022-01

**AN ORDINANCE OF THE TOWN OF REDINGTON BEACH, FLORIDA,
AMENDING CHAPTER 17 OF THE TOWN CODE (SIGNS) TO CLARIFY
PROHIBITIONS ON VEHICLE SIGNS; MAKING RELATED FINDINGS;
PROVIDING FOR CODIFICATION, SEVERABILITY, AND FOR AN
EFFECTIVE DATE.**

WHEREAS, the Town adopted its current sign code on February 17th 2021 via Ordinance 2019-07; and

WHEREAS, the Town's current sign code does not sufficiently express the intent of the Town's Board of Commissioners with respect to the display of vehicle signs within the Town and so has asked the Town Attorney to revise the relevant sections of the Code to ensure the prohibition is more clearly stated; and

WHEREAS, the Board of Commissioners has determined that it is in the interest of the public health, safety, welfare, and community aesthetic to prohibit vehicle signs within the Town in the manner set forth in this Ordinance.

NOW, THEREFORE BE IT ORDAINED by the Board of Commissioners of the Town of Redington Beach, Florida, that:

Section 1. the definition of Vehicle Sign in § 17-1 of the Redington Beach Town Code is hereby amended to read as follows:

Sec. 17-1. – Definitions.

Vehicle sign means a sign which covers more than ~~one and one half~~ one and one half square feet of the vehicle, which identifies a business, products, or services, and which is attached to, mounted, pasted, painted, or drawn on a motorized or drawn vehicle, and is parked and visible from the public right-of-way; ~~unless said vehicle is used for transporting people or materials in the normal day-to-day operation of the business.~~

Section 2. Section 17-4(32) of the Redington Beach Town Code is hereby amended to read as follows:

Sec. 17-4 – Prohibited signs.

- (32) Vehicle signs visible from a street or right-of-way ~~between sundown and sunrise within 100 feet of the vehicle and where the vehicle is parked for more than two consecutive hours in any 24 hour period within 100 feet of said street or right-of-way.~~

Section 3. For purposes of codification of any existing section of the Redington Beach Code herein amended, words underlined represent additions to original text, words ~~stricken~~ are deletions from the original text, and words neither underlined nor stricken remain unchanged.

Section 4. If any section, subsection, sentence, clause, provision or word of this Ordinance is held unconstitutional or otherwise legally invalid, same shall be severable and the remainder of this Ordinance shall not be affected by such invalidity, such that any remainder of the Ordinance shall withstand any severed provision, as the Board of Commissioners would have adopted the Ordinance and its regulatory scheme even absent the invalid part.

Section 5. The Codifier shall codify the substantive amendments to the Redington Beach Town Code contained in Sections 1 and 2 of this Ordinance as provided for therein, and shall not codify the exordial clauses nor any other sections not designated for codification.

Section 6. Pursuant to Florida Statutes § 166.041(4), this Ordinance shall take effect immediately upon adoption.

ADOPTED ON FIRST READING on the 2nd day of February, 2022, by the Board of Commissioners of the Town of Redington Beach, Florida.

ADOPTED ON SECOND AND FINAL READING on the 2nd day of March, 2022, by the Board of Commissioners of the Town of Redington Beach, Florida.

Attest:

David Will, Mayor

Missy Clarke, CMC, Town Clerk

	Motion	Second	Aye	Nay	Absent
Commissioner Cariello					
Commissioner Kornijtschuk					
Commissioner Skjoldager					
Vice Mayor Dorgan					
Mayor Will					

ORDINANCE NO. 2022-02

**AN ORDINANCE OF THE TOWN OF REDINGTON BEACH, FLORIDA,
AMENDING § 15-28 OF THE TOWN CODE TO CLARIFY ELIGIBILITY
FOR SERVICE ON THE TOWN PLANNING BOARD; MAKING
RELATED FINDINGS; PROVIDING FOR CODIFICATION,
SEVERABILITY, AND FOR AN EFFECTIVE DATE.**

WHEREAS, § 15-28 provides for the composition, terms and membership eligibility for the Town's Planning Board; and

WHEREAS, § 15-28 currently provides that Planning Board members shall be "residents" of the Town; and

WHEREAS, this language is inconsistent with provisions in the Town's charter (as to Commissioners), and the Town's Code (as to Parks Board and Board of Adjustment), all of which require office holders to be "qualified electors" of the Town; and

WHEREAS, the Town Attorney has recommended that § 15-28 be revised so as to bring its membership requirement in line with these other provisions of Town Code to ensure consistency and to avoid any question regarding eligibility for future applicants; and

WHEREAS, the Town Attorney has also recommended that § 15-28 be clarified to confirm that no employee or officer of the Town shall be eligible to be appointed to the Planning Board, and that the section be made gender-neutral when referencing the Planning Board's presiding officer; and

WHEREAS, the Board of Commissioners has determined that it is in the interest of the Town to adopt this Ordinance.

NOW, THEREFORE BE IT ORDAINED by the Board of Commissioners of the Town of Redington Beach, Florida, that:

Section 1. Section 15-28 of the Redington Beach Town Code is hereby amended to read as follows:

Sec. 15-28. - Membership; term of office; officers.

The planning board shall be composed of the following number of members with the following qualifications, and shall operate in the following manner:

- (1) The planning board shall consist of five members and two alternate, who shall be appointed by the board of commissioners.
- (2) The members of the planning board shall be qualified electors ~~residents~~ of the town.

- (3) ~~Not more than one member~~ of the planning board shall be an elected or appointed officer of the town or an employee of the town, ~~or hold any other position with the town.~~
- (4) Members of the planning board shall be appointed for overlapping terms of five years each, and each appointment shall run from the time of appointment until such appointee's successor is duly qualified.
- (5) Members of the planning board shall serve without compensation except as otherwise may be provided by ordinance or resolution of the commission from time to time.
- (6) The planning board shall elect annually, at the time of its first meeting, a chairman, vice-chairman and secretary from among its members.

Section 2. For purposes of codification of any existing section of the Redington Beach Code herein amended, words underlined represent additions to original text, words **stricken** are deletions from the original text, and words neither underlined nor stricken remain unchanged.

Section 3. If any section, subsection, sentence, clause, provision or word of this Ordinance is held unconstitutional or otherwise legally invalid, same shall be severable and the remainder of this Ordinance shall not be affected by such invalidity, such that any remainder of the Ordinance shall withstand any severed provision, as the Board of Commissioners would have adopted the Ordinance and its regulatory scheme even absent the invalid part.

Section 4. The Codifier shall codify the substantive amendments to the Redington Beach Town Code contained in Section 1 of this Ordinance as provided for therein, and shall not codify the exordial clauses nor any other sections not designated for codification.

Section 5. Pursuant to Florida Statutes § 166.041(4), this Ordinance shall take effect immediately upon adoption.

ADOPTED ON FIRST READING on the 2nd day of February, 2022, by the Board of Commissioners of the Town of Redington Beach, Florida.

ADOPTED ON SECOND AND FINAL READING on the 2nd day of March, 2022, by
the Board of Commissioners of the Town of Redington Beach, Florida.

Attest:

David Will, Mayor

Missy Clarke, CMC, Town Clerk

	Motion	Second	Aye	Nay	Absent
Commissioner Cariello					
Commissioner Kornijtschuk					
Commissioner Skjoldager					
Vice Mayor Dorgan					
Mayor Will					



Town of Redington Beach, Florida

Audit of the Fiscal Year Ended September 30, 2021

WEALTH ADVISORY | OUTSOURCING | AUDIT, TAX, AND CONSULTING
Investment advisory services are offered through CliftonLarsonAllen Wealth Advisors, LLC, an SEC-registered investment advisor.



Financial Statement Overview

WEALTH ADVISORY | OUTSOURCING
AUDIT, TAX, AND CONSULTING

Investment advisory services are offered through CliftonLarsonAllen
Wealth Advisors, LLC, an SEC-registered investment advisor

Financial Statement Takeaways

September 30, 2021

General Fund

- Unassigned fund balance as a percentage of current year expenditures is 235%.
- Net change in fund balance was approximately \$426,000

Capital Projects Fund

- Net change in fund was approximately \$233,000

Stormwater Utility Fund

- Change in Net Position was approximately (\$103,000)
- Unrestricted Net Position was approximately \$944,000





Results of Procedures

WEALTH ADVISORY | OUTSOURCING
AUDIT, TAX, AND CONSULTING

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Audit and Examination Services Performed

Financial Statements

- Financial statement audit for the year ended September 30, 2021, in accordance with *Government Auditing Standards*

State Compliance

- Examination of compliance with investment provisions of F.S. 218.415



Results of Procedures

Independent Auditors' Report

- Unmodified Opinion

Report on Internal Control Over Financial Reporting and on Compliance and Other Matters (GAS)

- No material weaknesses identified
- No instances of noncompliance reported

Management Letter

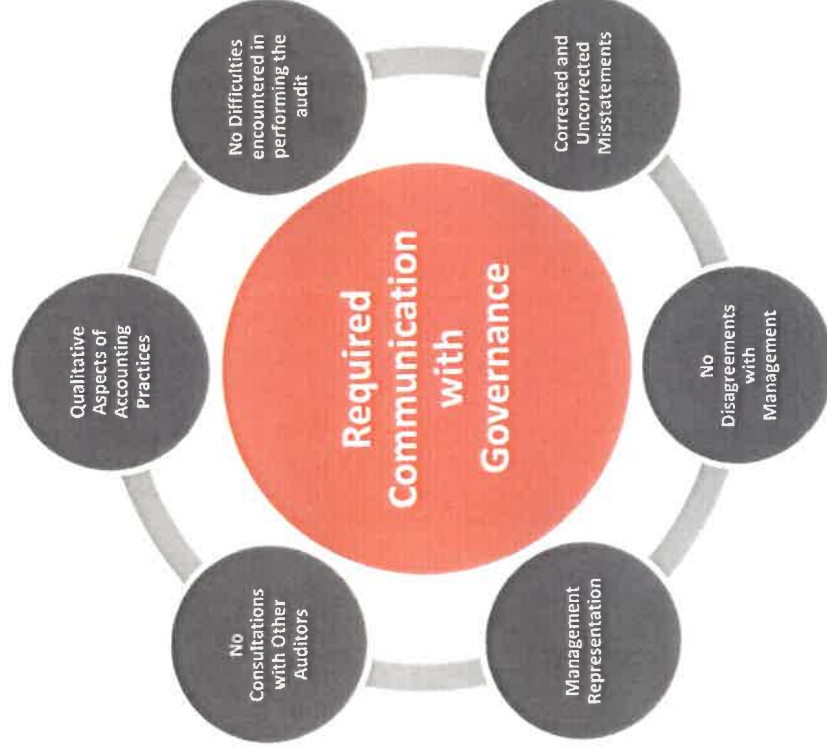
- No items of note

Independent Accountants' Report

- Unmodified Opinion



Required Communications





Thank You!

We appreciate everyone's cooperation throughout the audit.



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WEALTH ADVISORY | OUTSOURCING
AUDIT, TAX, AND CONSULTING

Investment advisory services are offered through CliftonLarsonAllen
Wealth Advisors, LLC, an SEC-registered investment advisor

Brian Quinlin, CPA

Signing Director

brian.quinlin@CLAconnect.com

863-202-8121

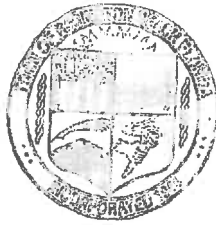


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WEALTH ADVISORY | OUTSOURCING | AUDIT, TAX, AND CONSULTING

Investment advisory services are offered through CliftonLarsonAllen Wealth Advisors, LLC, an SEC-registered investment advisor



FEB 23 2022

TOWN OF REDINGTON BEACH, FLORIDA
APPLICATION FOR APPOINTMENT TO
TOWN BOARD OR TOWN COMMITTEE

NAME: Bev Rowsey
ADDRESS: 15814 3rd Street E. Redington Beach, FL 33708
HOME PHONE: 727 954 4554 CELL PHONE: 305 815 3707
How long has Applicant been a Redington Beach resident? 2 years

SEEKING APPOINTMENT TO: (Check one)

☐ Board of Commissioners
☐ Board of Adjustment
☐ Regular Member
☐ Planning Board
☐ Finance Committee
☒ Alternate Park Board

EDUCATIONAL BACKGROUND:

College: Western Michigan Univ. + Nova Univ. Ft. Lauderdale, FL.
Major: Education and Media Location: Kalama zoo MI.
Degree: Masters + Specialist
EMPLOYMENT INFORMATION: Specialist

☐ Currently Employed ☒ Retired

Most recent employment:

Employer: Dade County Schools Phone: _____
Address: Miami, FL City, State, Zip Code: _____
Position: Teacher + Librarian How long: 40 years

Why do you want to serve on the Town Commission? I feel I can contribute when I am needed

Applicant Signature Bev Rowsey Date Feb. 22, 2022

Date Considered by Commission: _____

Term: _____

For Office Use Only:

Date of Appointment: _____

Term Expires on: _____

ORDINANCE NO. 2022-03

**AN ORDINANCE OF THE TOWN OF REDINGTON BEACH, FLORIDA,
AMENDING § 5-57 OF THE TOWN CODE CONCERNING DOCK
CONSTRUCTION STANDARDS; PROVIDING FOR CODIFICATION,
SEVERABILITY, AND FOR AN EFFECTIVE DATE.**

WHEREAS, § 5-57 of the Town Code establishes regulations governing the construction of docks within the Town; and

WHEREAS, the section was last amended on March 17th 2021 by Ordinance 2021-01; and

WHEREAS, the Town's experience in implementing certain provisions in the 2021 version of § 5-57 has revealed that certain provisions have had the unintended consequence of preventing existing docks to be lengthened in appropriate circumstances; and

WHEREAS, the Town's Building Official has recommended the revision to § 5-57 set forth in this Ordinance; and

WHEREAS, the Town Commission finds that it is in the best interest of the Town, its residents, and property owners, to approve the regulatory change set forth in this Ordinance.

NOW, THEREFORE BE IT ORDAINED by the Board of Commissioners of the Town of Redington Beach, Florida, that:

Section 1. Section 5-57 of the Town Code of the Town of Redington Beach is hereby amended to read as follows:

Sec. 5-57. – Specifications for docks.

(a) *Generally.* Docks shall be constructed in accordance with the following:

- (1) The top of piling shall not be higher than four and twelve one-hundredths feet, NAVD and the top of the lift-poles and tie poles shall not be higher than twelve and twelve one-hundredths feet, NAVD.
- (2) All piling shall be of precast class IV concrete, as specified by Florida Department of Transportation, Standard Specifications for Road and Bridge Construction, January, 2021, Edition, 3,500 pounds per square inch or better in 28 days, or of southern pine piles conforming in physical quality to American Society for Testing and Materials Specifications D 25-55, which have been treated in conformance with American Wood Preservers Association Standard C-3 with chromated copper arsenate (CCA, type A, B, or C) in accordance with American Wood Preservers Association Standard P-5, and which have minimum butt size of nine inches diameter and tip sizes of six inches diameter.
- (3) When southern pine piles treated with chromated copper arsenate, type A, B, or C, are used, analysis by assay extraction in accordance with American Wood Preservers Association Standard A-2 may be required to show a minimum retention and distribution

of solid preservative of two and one-half p.c.f. in the zone zero to one and one-half inches from the surface and one and one-half p.c.f. in the zone one and one-half to two and zero one hundredths inches from the surface. In no event shall penetration be less than six feet into the submerged bottom. If impenetrable material is encountered, a variance to this minimum penetration requirement is required.

- (4) All concrete piling shall be at least eight inches square in cross section. Concrete pilings shall incorporate at least four no. 5 steel rods (five-eighths inch diameter) epoxy coated running the entire length thereof, and tied or welded in the form of a three-inch to four-inch square cage. All steel reinforcing rods shall be covered by at least two inches of concrete.
- (5) Tie piling shall project above the surface of the water or land only as high as may be reasonably necessary for use and application; in no case shall this be higher than ten feet above mean high water. All such piling shall be either concrete or southern pine piling treated in conformance with American Wood Preservers Association Standard C-3 with chromated copper arsenate (CCA) type A, B, or C, and as approved by the town.
- (6) All metal fastenings shall be hot-dip galvanized or better.
- (7) All other timber shall be pressure treated.
- (8) Spacing of pile bents shall not exceed 12 feet on-center. For timber decked dock construction, the second bent shall not exceed 14 feet in front of the beginning of the dock. The first bent of piling shall be located no further than two feet from the mean high water or the seawall. Outside stringer systems shall be doubled two-inch by eight-inch pressure treated timber or greater. Five-eighths inch diameter galvanized bolts or greater are to be used for attachment of stringers to piling. Intermediate stringers shall be single two-inch by eight-inch or greater, with a maximum three feet zero inches on-center spacing. Decking shall be two-inch by six-inch, or greater, pressure treated lumber. All pile bents shall have pile caps, two inches by eight inches, bearing stringers to support deck joists on main dock and only on docks with wood pilings. All intersections (stringers) shall be bolted.
- (9) All floating private docks to be constructed in the waters of the town must have a minimum of 20 pounds per square foot flotation and shall comply with the requirements of subsection 5-57(c).
- (10) The intersection of the main dock and finger piers will be constructed by the installation of a pile under the finger pier at the intersection, or by an approved bolted connection; in no case will nailed connection be used.
- (11) Where, because of space restrictions, double stringers are abutted against the seawall, pile caps shall be installed. Such pile caps are to be doubled two inches by eight inches and bolted at each pile.
- (12) Wave break devices, when necessary, shall be designed to allow for maximum water circulation and shall be built in such a manner as to be part of the dock structure or tie poles.
- (13) Docks shall be constructed to allow for maximum light penetration. Special restrictions may be applied where natural resources are present on a case-by-case basis.

- (14) Walkways to dockhead intersections not supported directly by piles under the connection must be diagonally bolted through the intersecting stringers (minimum triple two-inch by eight-inch dock head stringers) or the use of a two-inch by four-inch by one-fourth-inch galvanized angle bracket or larger must be utilized.
- (15) Catwalks supported by a single pile at each bent and cantilevered structures shall be no wider than 30 inches.
- (16) Environmentally sustainable building practices shall be utilized unless, in the opinion of the building code administrator, it is impracticable to do so.
- (17) The dock facility shall consist of the slips, boatlifts, dock, catwalks, platforms, lower landings, tie poles, and personal watercraft lifts.
 - a. All dock facilities except for boatlifts and associated catwalks, and tie poles, shall be contained within the center one-third of the property along the waterfront, but in no case shall any part of the dock facility be located any closer to a side lot line than the required setback for the zoning district in which the property is located.
 - b. Boatlifts and associated catwalks, and tie poles may be located no closer than seven and one-half feet from the property lines of the associated property as extended into the water provided that no boat may be tied to the side of a tie pole closer to the property line.
 - c. One dock per single-family property is permitted.
 - d. A maximum of two slips with or without boat lifts are permitted.
 - e. The maximum allowable dock facility shall be within a 30-foot length from the seawall.
 - f. The total amount of decking including dock and catwalks shall be not greater than 500 square feet.
 - g. No portion of the dock facility and/or boat or personal watercraft shall be any closer than the greater of seven and one-half feet to the side property line or the required side setback as extended into the water unless the facilities are a shared property line dock. Two property owners may choose to abut their dock facilities among their common property line.
 - 1. Two property owners sharing a common side property line as extended into the water can may choose to have a common dock in lieu of two individual private docks.
 - 2. Shared property line docks on a common property line shall be allowed and shall require an agreement between the property owners that includes a provision that the property owners shall be responsible for the removal of the dock should that agreement be terminated. The agreement shall be recorded with the county, with a copy of the recorded agreement provided to the town.
 - 3. The shared property line dock facility shall conform to all requirements of this section.
 - 4. Only one shared property line dock is allowed per lot.

(18) ~~A dock facility which, when constructed, was lawfully constructed either as a matter of right or through the grant of a variance, may be repaired or rebuilt by its owner, in the same configuration, height and size as the original dock facility prior to the repair or rebuild shall be allowed to repair their docks which have been damaged by a natural disaster (act of God, heavy winds and/or seas), in the same configuration of the original permitted dock. This subsection shall not apply in instances where the destroyed or damaged dock was not originally permitted by the town. If a permit has not been applied for within 90 days from the date of destruction, the dock shall conform with all the provisions of this chapter.~~

(19) ~~Any dock facility which, when constructed, was lawfully constructed either as a matter of right or through the grant of a variance, shall be allowed to continue to exist and be used and maintained as a lawful non-conforming use should any provision of this code be amended after the construction of the dock facility to provide for different configuration or demintional requirements for new dock facilities. Notwithstanding the foregoing, all existing dock facilities must still be in compliance with all safety and maintenance requirements related to such facilities which are set forth in this code or state law existing at the time of the adoption of this section, although such dock facility does not conform with the provisions hereof, may be continued. Non-conforming dock facilities that are lawfully constructed in accordance with the code applicable to the dock facility at the time of construction, or in accordance with a variance granted by the board of adjustment, may expand as a matter of right provided that said expansion does not further increase the degree of non-conformity.~~

~~Unless approved as a variance by the board of adjustment, no alterations may be made to any dock facility that is not constructed in accordance with the code applicable to the dock facility at the time of construction, or in accordance with a variance granted by the board of adjustment, if such alterations will increase the dock facility's degree of non-conformity. Work to maintain, repair, rebuild or reconstruct necessary to keep the dock facility in sound condition within the same or smaller footprint is permitted.~~

~~For the purposes of this section, "increase the degree of non-conformity" is limited to the non-conforming aspect of the existing dock facility and additions or expansions that would be permitted for a new or conforming dock facility shall not be deemed as increasing the degree of non-conformity and shall be permitted as a matter of right. For example, expansion of the width of a nonconforming dock facility is permissible when the conformity is as to the length of the dock.~~

(20) ~~There will be a permit fee for all docks subject to inspection as established by the commission from time to time in subsection 6-308(f).~~

(21) ~~Except as changed by the provisions of sections 6-307 and 6-314, docks erected serving any lots in the town shall be subject to the following restrictions governing size, shape and location:~~

- a. ~~No dock shall be erected which will, in the opinion of the building official, deprive owners of adjacent or nearby lots of equal docks and equal access to the docks.~~
- b. ~~Except as provided in subsection 5-57(a)(5)d., no dock construction, including all landings and stairs, shall project more than 30 feet from the face of the seawall, or~~

30 feet from the shoreline, which is defined for the purpose of this section as the mean low water line.

- (b) *Maximum height of enclosed docks.* No enclosed or covered portion of any pier, dock, walkway, or other similar structure extending beyond the high-water mark of the waters of Boca Ciega Bay on any cove, inlet, or arm thereof from the adjacent lot elevation shall rise in height more than three feet above the level of the lot elevation. This provision shall not, however, apply to open-work railings, fish-cleaning tables, and flag or signal poles placed thereupon.
- (c) *Floating docks.* No floating dock shall be installed that will exceed the length and width and summation of total dockage square foot area limitations for floating and pile installed docks as provided in this article. Nothing in this section shall prohibit the installation of floating docks so long as they are constructed of completely new components attached to new and separate piling and comply with all other appropriate sections of this article and the seal and signature of the engineer of record as defined in ~~§section~~ 10-10 of this ~~c~~Code shall be affixed to all plans submitted for such docks. Floatation shall be no less than that specified by the county. No floating dock shall be placed or situated in any of the town's waterways so as to impede or restrict in any way the free and safe passage of any other vessels using or entitled to use the waterways of this state.
- (d) *Disposition of removed dock concrete.* Concrete pilings and other concrete remnants of docks being replaced by new docks may be placed on the seabed subject to the following restrictions:
 - (1) For a non-residential dock the engineer of record, as is defined in ~~§section~~ 10-10 of this ~~c~~Code, or for a residential dock, the contractor to whom the dock permit is issued, certifies in writing to the town, on a form to be provided by the town, that:
 - a. There are no contaminants in the concrete that would adversely affect water quality based on the standards established by the county; and
 - b. There are no seagrasses or other environmentally sensitive features on or within 15 feet of the location where the concrete is to be placed.
 - (2) There is no exposed metal on or within the concrete;
 - (3) The concrete:
 - a. Is placed under the footprint of the new dock; or
 - b. Is placed at the base of the seawall in a single row in physical contact with the seawall or with previously placed removed concrete; and
 - c. Is located completely below the mean low water elevation.
 - (4) The removed concrete may project above the mean low water elevation at the seawall if it is covered by material that meets the requirements of ~~§section~~ 5-63, "riprap" of this ~~c~~Code.

Section 2. For purposes of codification of any existing section of the Redington Beach Code herein amended, words **underlined** represent additions to original text, words **~~stricken~~** are deletions from the original text, and words neither underlined nor stricken remain unchanged.

Section 3. If any section, subsection, sentence, clause, provision or word of this Ordinance is held unconstitutional or otherwise legally invalid, same shall be severable and the remainder of this Ordinance shall not be affected by such invalidity, such that any remainder of the Ordinance shall withstand any severed provision, as the Board of Commissioners would have adopted the Ordinance and its regulatory scheme even absent the invalid part.

Section 4. The Codifier shall codify the substantive amendments to the Redington Beach Town Code contained in Section 1 of this Ordinance as provided for therein, and shall not codify the exordial clauses nor any other sections not designated for codification.

Section 5. Pursuant to Florida Statutes § 166.041(4), this Ordinance shall take effect immediately upon adoption.

ADOPTED ON FIRST READING on the 2nd day of March, 2022, by the Board of Commissioners of the Town of Redington Beach, Florida.

ADOPTED ON SECOND AND FINAL READING on the 16th day of March, 2022, by the Board of Commissioners of the Town of Redington Beach, Florida.

Attest:

David Will, Mayor

Missy Clarke, CMC, Town Clerk

ORDINANCE NO. 2022-04

**AN ORDINANCE OF THE TOWN OF REDINGTON BEACH, FLORIDA,
AMENDING § 5-53, § 5-55, and 5-56 OF THE TOWN CODE CONCERNING
SEAWALL CONSTRUCTION; PROVIDING FOR CODIFICATION,
SEVERABILITY, AND FOR AN EFFECTIVE DATE.**

WHEREAS, Chapter 5 of the Town Code provides for regulations governing the construction of seawalls within the Town; and

WHEREAS, the Town's Building Official has reviewed these seawall construction regulations and has recommended the revisions to § 5-53, § 5-55, and 5-56 set forth in this Ordinance so as to remove outdated provisions and to allow seawall design professionals to design seawalls according to best and current engineering standards; and

WHEREAS, the Town Commission finds that it is in the best interest of the Town, its residents, and property owners, to approve the regulatory change set forth in this Ordinance.

NOW, THEREFORE BE IT ORDAINED by the Board of Commissioners of the Town of Redington Beach, Florida, that:

Section 1. Sections 5-53, 5-55, and 5-56 of the Town Code of the Town of Redington Beach is hereby amended to read as follows:

Sec. 5-53. Permit.

- (a) *Required.* It shall be unlawful to erect, construct or alter any seawall, bulkhead, retaining wall, groin, jetty or dock, or any part thereof, or any projection or prolongation thereof, without first obtaining a permit pursuant to this section.
- (b) *Application.*
 - (1) An application for the permit required by this section shall be submitted to the town clerk in such form as may be prescribed by the board of commissioners, containing a detailed statement of the specifications and plans for such structure, together with a plat plan showing the location of such contemplated structure or alteration in conjunction with adjoining lands, waters and channels, and such other plans and structural drawings as may be reasonably required by the board of commissioners.
 - (2) Such application shall be sworn to by the applicant, and shall recite the full name, residence or business address of the owner, the address or location of the premises upon which the structure is to be erected, altered or removed, the cost of the proposed work, and the address of the contractor or other person authorized by the owner to perform the contemplated work.
- (c) *Issuance.* The building official shall analyze the plans, specifications and application for a permit required by this section and, upon determination that the contemplated work will be done in conformity with this article, shall advise the town clerk to issue a permit to perform

such work, subject to such reasonable schedule of inspections and final approval and conditions as the board may deem necessary.

- (d) *Display.* All permits issued under the provisions of this chapter shall be prominently and openly posted, and viewable by the public from the street during the progress of the work and until final inspection is performed and approved by the building official, code enforcement officer or other official authorized by the town, if such final inspection is required. Failure to properly display all permits may be cause for said official to halt all work until such permits are located and properly displayed.
- (e) *Expiration.* The permit issued under the provisions of this section and approval of applications, plans and specifications related to such permit shall expire six months from the date of the original approval or issuance thereof. This limitation shall not apply when work thereunder has been begun and carried on with reasonable diligence and continuity, but the permit or approval shall in no event be valid for a period longer than one year from the original approval or issuance thereof.

(f) ~~Fees.~~ Permit fees shall be as follows:

(1) ~~Fill and grading of site:~~

~~1—100 cubic yards, minimum fee\$ 20.00~~

~~101—1,000 cubic yards, minimum fee30.00~~

~~1,001—10,000 cubic yards, minimum fee45.00~~

~~Above 10,000 cubic yards:~~

~~Base fee50.00~~

~~Plus, for each additional 10,000 cubic yards or fraction thereof20.00~~

(2) ~~Seawalls, docks, davits and fences:~~

~~Work up to \$250.00 in estimated value, minimum fee20.00~~

~~Work above \$250.00 in estimated value:~~

~~Base fee20.00~~

~~Plus \$2.00 per \$100.00 or fraction thereof above \$250.00.~~

~~Maximum fee for any one job of this classification250.00~~

Sec. 5-55. Appeals.

Any person aggrieved by any order of the building official with regard to erection or alteration of structures pursuant to this article may appeal to the board of adjustment as provided for in § 6-289(3) of the code~~commissioners or other appeals board as provided by law.~~

Sec. 5-56. Specifications for seawalls, bulkheads and retaining walls.

- (a) *Generally.* Any seawall, bulkhead, or retaining wall hereafter constructed within the territorial limits of the town shall be designed, laid out, and constructed in conformance with

the duly and lawfully established bulkhead line after the plans, specifications, standards, and design shall first have been submitted, analyzed, and approved by the building official as required by this article. Such construction shall be contiguous with the existing adjacent bulkhead or seawall line if such line exists, or within 18 inches face to face of vertical walls, if possible, when installed in front of an existing seawall, and shall be of strong and durable materials, design, and construction, built in a good, substantial, and workmanlike manner. All seawalls shall be tied back or restrained in accordance with the specifications approved by the engineer of record.

For the purposes of this section, the "engineer of record" is defined in section 10-10 of the Town Code.

For the purposes of this section, DWYDAG construction means high-strength tieback rods.

All seawalls shall be designed by a Florida-licensed professional engineer who shall be the engineer of record. All designs, specifications, determinations, instructions, requirements, and decisions by the engineer of record shall be subject to the concurrence of the building official, which concurrence shall not be unreasonably withheld.

- (b) *Location.* All seawalls, bulkheads, or retaining walls shall be erected on the property line closest to the water, according to the last recorded plat thereof, or within 18 inches as referenced above. Only one such waterward extension shall be permitted.

- ~~(c) *Structures constructed on waters other than the Gulf of Mexico.* Unless for good cause based on reasons of public safety wherein a specified exception is granted by the board of commissioners, seawalls, bulkheads, and retaining walls constructed or altered, projected, or prolonged on or adjacent to waters other than the Gulf of Mexico shall be of masonry, or aluminum, vinyl, or composite construction in compliance with the minimum standards set forth in this subsection.~~

- ~~(1) *Masonry seawalls.* Seawalls, retaining walls, and bulkheads that are constructed of concrete will utilize the tongue and groove or other approved method of sheet pile-type construction with poured-in-place concrete cap and tie-back anchors. The concrete shall have a minimum test strength of 3,500 pounds per square inch at 28 days, and all reinforcing steel shall be covered with a minimum of three inches of concrete. All concrete and reinforcing steel shall be minimum of FDOT type #1 or 3,500 pounds per square inch at 28 days or higher as specified by the engineer of record.~~

- ~~a. Concrete slabs may be precast or prestressed and designed for the appropriate exposed height and loading by the engineer of record. Minimum thickness must be six inches.~~

- ~~b. The poured-in-place concrete cap shall not be less than 12 inches in thickness or less than 16 inches in width. Design will be determined by the engineer of record. (See subsection 5-56(d): stress beams and span beam caps).~~

- ~~e. The cap shall contain continuous horizontal steel reinforcement as designed by the engineer of record in accordance with industry accepted standards and practices, and subject to the approval of the building official. At no place shall reinforcing bars be closer than three inches to the exterior face of the concrete cap. The #3 or larger stirrups for the continuous reinforcing bars shall be placed at a maximum of 24 inches on center. All splices shall be lapped not less than 40 diameters; provided, however, that the steel~~

shall not be continuous through expansion joints. The reinforcing steel shall have sufficient ties to hold the rods in a horizontal position and properly spaced from the forms. Expansion joints shall normally be provided every 50± feet except on the outside radii, which may be farther apart per the engineer of record's design. Expansion joints shall be placed over slab joints.

- d. Tieback rods shall be hot dipped galvanized (HDG) or epoxy coated steel encased in compatible diameter PVC pipe and shall be equal to or greater than a one-inch diameter for tie rods with deadman anchors holding the main seawall. One inch diameter aluminum tieback rods or the appropriate sized DWYDAG tie rods, as determined by the engineer of record, may also be used. If Manta Ray anchors are used, the tie rods may be three quarters inch or one-inch diameter per the required loading, as determined by the engineer of record. All such rods shall be spaced not more than ten feet on center or per the engineer of record's design. The length of all tie rods shall be equal to or greater than two times the height of the seawall slab projecting above the mud line. In no case shall the tie rods be of shorter length than ten feet, unless they are connected to cantilevered piling anchors which can be closer to the seawall. Manta Ray anchors must provide adequate pull back loading as determined by the engineer of record.
- e. All anchors shall be poured in-place concrete containing not less than six cubic feet of concrete, and shall have not less than six square feet of vertical surface perpendicular to the alignment of the tie rod. Each anchor shall contain vertical and horizontal steel reinforcement per the engineer of record's design. The anchors shall have a minimum of 30 inches of earth cover or a minimum depth as specified by the engineer of record's design. Manta ray anchors or helical anchors may be used per the engineer of record's design with the tension or torque stated on the plans. Torque testing shall be done by the contractor subject to the approval of the engineer of record.
- f. The penetration of each seawall slab into firm ground shall be in accordance with an approved plan prepared by the engineer of record. Such penetration shall be equal to 0.67 times the height of the wall above the mud line or 0.4 times the total length of the slab, whichever is greater. In no case shall the seawall slab be of shorter length than eight feet or greater if soil conditions warrant, as determined by the engineer of record. If rock or very firm clay is encountered and the above criteria cannot be met, the engineer of record may require trenching or other remedies, subject to the approval of the building official.
- g. The elevation for all seawalls, bulkheads, and retaining walls fronting on the bay shall be equal to or greater than an elevation of 4.12 feet, NAVD, as defined in section 10.10 of this Code, mean sea level.

(2) *Aluminum seawalls.* Aluminum seawalls shall be constructed as follows:

- a. Sheet piles shall be fabricated from aluminum alloy 5052-H141, conforming to ASTM designation B209 alloy 5052 for chemical composition; also having a minimum thickness of 0.125 inches and minimum tensile strength of 35,500 pounds per square inch. Corrugations shall have a minimum nominal nine inch pitch, and nominal two and one-half inch depth. The penetration into firm ground shall be

equal to 0.67 times the height of the wall above the mud line, or 0.4 times the total length of the sheet, whichever is greater. In no case shall the total sheet be less than six feet in length. The size and length of the sheets is to be determined by the engineer of record for the site conditions and loading.

- b. The cap may be an aluminum extrusion designed to fit the designed aluminum sheet piles and installed per the manufacturer's recommendations. The poured-in-place concrete cap shall not be less than 12 inches in thickness or less than 16 inches in width with the full cross section of concrete formed and poured. Filter fabric or cheese cloth draped over the sheets is not permitted. (See subsection 5-56(d), stress beams and span beams.)
- e. The cap shall contain continuous horizontal steel reinforcement as designed by the engineer of record. At no place shall reinforcing bars be closer than three inches to the exterior face of the concrete cap. The #3 stirrups for the continuous reinforcing bars shall be placed at a maximum of 24 inches on center. All splices shall be lapped not less than 40 diameters; provided, however, that the steel shall not be continuous through expansion joints but be three inches from the cap expansion joint material. The reinforcing steel shall have sufficient steel ties to hold the rods in a horizontal position and properly spaced from the forms. Expansion joints shall normally be provided every 50± feet or as determined by the engineer of record and be over sheet interlocks.
- d. Anchor rods and deadman anchor plates shall be fabricated from aluminum alloy 6061-T6, conforming to ASTM designation B221 alloy 6061 for chemical composition, also having a minimum thickness of anchor plates of 0.10 inch and minimum tensile strength of 38,000 pounds per square inch. The size of the anchor plates shall be designed by the engineer of record. Anchor plates shall be placed with the top at least 30 inches below the elevation of the wall cap. The anchor rods shall be not less than 0.75 inch in diameter, and shall be equipped with a rod sleeve, nut and curved washer where they pass through the cap. Anchor rods shall be installed continuously along the wall at a spacing and a length determined by the engineer of record. The minimum length shall be ten feet. One tie-back system shall be constructed at each end of the wall and thereafter one tie-back system shall be constructed throughout per the design. All tie rods shall be pre-tensioned after placement of backfill around anchor plates, but before final backfill of sheeting. Such pre-tensioning shall not tend to move the sheets or anchors.

HDG PVC encased steel tieback rods with six inch by six inch by one-half inch HDG plate washers and nuts may be used with concrete deadmen or Manta Ray anchors as long as the steel tie rods and washers are isolated from the aluminum sheets with a plastic or neoprene material. Tie rods shall be placed in the coping so that the anchor pull brings the coping in direct contact with a bayside corrugation of the wall sheeting with the washers against the outside portion of the corrugation or in the same location in the cap if not against the outside corrugation of the sheet. Tieback rods may also be #8 Grade 60 plain rebar PVC encased with a 90 degree bend 12 inches long each end.

- e. ~~The standards described in this subsection assume sandy soil with an angle of repose of 30 degrees for soil against the wall. They also assume that the environment is not highly alkaline or acidic. If conditions require a design in excess of limitations specified in this subsection, the wall shall be of concrete, vinyl, or composite construction, in accordance with subsection (c)(1) of this section.~~
- f. ~~There shall be no dissimilar metals or metal systems bonded to the wall. If there is no option but to use dissimilar materials, such materials shall be coated in a manner prescribed by the engineer of record.~~
- (3) ~~Vinyl and composite seawalls. All vinyl and composite seawalls shall have an allowable section modulus per the manufacture's specifications greater than the section modulus calculated per the site conditions and loading.~~
 - a. ~~Vinyl seawalls shall comply with the following minimum requirements:~~
 - 1. ~~Tinsel strength 6000 pounds per square inch. Allowable bending stress of 3,200 pounds per square inch.~~
 - 2. ~~Modulus of elasticity of 350,000 pounds per square inch.~~
 - b. ~~Composite seawalls shall comply with the following minimum requirements:~~
 - 1. ~~Allowable bending stress of 25,000 pounds per square inch.~~
 - 2. ~~Modulus of elasticity of 4,600,000 pounds per square inch.~~
- ~~Drains in vinyl or composite seawalls with a minimum of 1.25 inch interior diameter shall be installed as prescribed on the plans. Types of drains will be selected by the engineer of record, in accordance with the approved drainage plan.~~
- e. ~~The poured in place cap shall be a minimum of 12 inches thick by 16 inches wide or as designed by the engineer of record (see subsection 5-56(d), stress beams and span beams). It shall contain continuous horizontal steel reinforcement per the engineer of record's design. At no place shall the reinforcing bars be closer than three inches to the exterior face of the concrete cap. The #3 stirrups for the continuous reinforcing bars shall be placed at a minimum of 12 inches on center. All splices shall be lapped not less than 40 diameters; provided, however, that the steel shall not be continuous through expansion joints. The reinforcing steel shall have sufficient steel ties to hold the rods in a horizontal position and properly spaced from the forms. Expansion joints shall normally be provided every 50± feet or per the engineer of record.~~
- d. ~~Tieback rods shall be HDG or epoxy coated steel encased in compatible diameter PVC pipe and shall be equal to or greater than one-inch diameter for tie rods with deadmen anchors holding the main seawall or stress beams. One-inch diameter aluminum tieback rods or the appropriate sized DWYDAG tie rods may also be used. If Manta Ray anchors are used, the tie rods may be three quarters inch or one-inch diameter per the required loading. All such rods shall be spaced per the engineer of record's design. The length of all tie rods shall be equal to or greater than two times the height of the seawall slab projecting above the mud line. In no case shall the tie rods be of shorter length than ten feet unless they are connected to~~

~~cantilevered piling anchors which can be closer to the seawall per the engineer of record's design.~~

- ~~e. All anchors shall be poured in-place concrete containing not less than six cubic feet of concrete, and shall have not less than six square feet of vertical surface perpendicular to the alignment of the tie rod. Each anchor shall contain vertical and horizontal steel reinforcement per the engineer of record's design.~~

- ~~(d) *Stress beams and span beams.* If the engineer of record determines the seawall can be supported with a stress beam to be constructed on the seawall at or above the top of the barnacle line, the stress beam will be designed with a reinforced steel cage and either HDG or stainless steel tieback rods with washers embedded in the stress beam concrete to either Manta Ray anchors, concrete deadmen, or cantilevered wood or concrete piling. If pilings are used, there will be a shear connection between the stress beam and the concrete slabs to keep the stress beam from "sliding up the slabs."~~

~~Span beams are to be designed for new pool construction (or other obstructions in the failure zone of the seawall) with the appropriate sized reinforced cap, tieback rods, and larger concrete deadmen outside the footprint of the pool or obstruction. If designed by the engineer of record, conflicting tieback rods, deadmen, and other types of conflicting anchors may be excavated after the seawall concrete has achieved its design strength.~~

- ~~(e) *Structures constructed on the Gulf of Mexico.* All seawalls, bulkheads, or retaining walls constructed, altered, projected, or prolonged on the Gulf of Mexico shall be of concrete or steel construction in compliance with the following minimum standards:~~

- ~~(1) Seawalls and bulkheads shall be of concrete, utilizing the tongue and groove or other approved method of sheet pile-type construction, with poured in place concrete cap and tie back anchors. The concrete shall have a minimum test strength of 5,000 pounds per square inch at 28 days and all reinforcing steel shall be covered with a minimum of three inches of concrete. All concrete shall be FDOT type #1.~~
- ~~(2) The concrete sheet piling shall have a minimum thickness of eight inches and contain vertical steel reinforcement equivalent in cross sectional area to #6 deformed reinforcing bars spaced at six inches on center or as designed by the engineer of record. Each slab shall have two #6 steel hairpins extending into the cap a minimum of three inches or per engineer of record's design. The edges of all slabs shall be mating tongue and groove with a filter fabric or equal behind each slab joint from one foot below the outside mud line to the bottom of the cap.~~
- ~~(3) The poured in place concrete cap shall not be less than 18 inches in thickness or less than 20 inches in width.~~
- ~~(4) The cap shall contain continuous horizontal steel reinforcement as per the engineer of record's design. At no place shall reinforcing bars be closer than three inches to the exterior face of the concrete cap. All splices shall be lapped not less than 40 diameters; provided, however, that the steel shall not be continuous through expansion joints. The cap shall also contain #3 or greater stirrups that encircle the~~

~~horizontal steel, spaced equally, 12 inches on center. Expansion joints shall normally be provided every 40 feet or as approved by the engineer of record.~~

- ~~(5) All tie-back rods shall be HDG or epoxy coated steel encased in compatible diameter PVC pipe and have a cross sectional area equal to or greater than a #9 reinforcing bar. All such rods shall be spaced not more than ten feet (or less per the design as approved by the engineer of record) on center. The length of all tie rods shall be equal to or greater than two times the height of seawall slab projecting above the ground line. In no case shall the tie rods be of shorter length than 16 feet.~~
- ~~(6) The tie-back anchors shall be poured in-place concrete containing not less than six cubic feet of concrete, and have not less than six square feet of vertical surface perpendicular to the alignment of the tie rod. Each anchor shall contain horizontal steel reinforcement equivalent in cross sectional area to four #4 deformed reinforcing bars and be provided with #3 steel stirrups, 12 inches on center, or per the engineer of record's design. The anchors shall have a minimum of three feet of earth cover or a minimum depth as specified by the engineer of record.~~
- ~~(7) The penetration of each seawall slab into firm ground shall be equal to or greater than one-half times the total length of the slab. In no case shall the seawall slab be of shorter length than 12 feet if in contact with the gulf waters.~~
- ~~(8) The elevation for all seawalls, bulkheads, and retaining walls fronting on the Gulf of Mexico shall be equal to or greater than 5.12 feet, NAVD mean sea level.~~

~~(c)~~ *Measurement points.* Unless otherwise specified in this cCode, whenever in this cCode a measurement is required to be taken from a seawall, such measurement shall be taken from the center of the seawall cap.

Section 2. For purposes of codification of any existing section of the Redington Beach Code herein amended, words underlined represent additions to original text, words ~~stricken~~ are deletions from the original text, and words neither underlined nor stricken remain unchanged.

Section 3. If any section, subsection, sentence, clause, provision or word of this Ordinance is held unconstitutional or otherwise legally invalid, same shall be severable and the remainder of this Ordinance shall not be affected by such invalidity, such that any remainder of the Ordinance shall withstand any severed provision, as the Board of Commissioners would have adopted the Ordinance and its regulatory scheme even absent the invalid part.

Section 4. The Codifier shall codify the substantive amendments to the Redington Beach Town Code contained in Section 1 of this Ordinance as provided for therein, and shall not codify the exordial clauses nor any other sections not designated for codification.

Section 5. Pursuant to Florida Statutes § 166.041(4), this Ordinance shall take effect immediately upon adoption.

ADOPTED ON FIRST READING on the 2nd day of March, 2022, by the Board of Commissioners of the Town of Redington Beach, Florida.

ADOPTED ON SECOND AND FINAL READING on the 16th day of March, 2022, by the Board of Commissioners of the Town of Redington Beach, Florida.

Attest:

David Will, Mayor

Missy Clarke, CMC, Town Clerk