



Interoffice Memorandum

Received: April 12, 2023
Publication: May 21, 2023
Deadline: May 16, 2023

EPD will send Abutters

April 12, 2023

To: Jennifer Lara-Klimetz, Assistant Manager
Comptroller Clerk's Office

Through: Cheryl Gillespie, Agenda Development Supervisor
Agenda Development

From: David D. Jones, P.E., CEP, Manager
Environmental Protection Division
(407) 836-1406

Staff Person: Elizabeth R. Johnson, CEP, Assistant Manager
Environmental Protection Division
(407) 836-1511

Subject: Request for Public Hearing on June 6, 2023, at 2:00 p.m., for a Shoreline
Alteration/Dredge and Fill Permit Application (SADF-22-09-025) to
authorize the construction of a 52-foot vinyl seawall with riprap and
plantings on the shoreline of Lake Holden at 819 Springwood Drive,
Orlando, FL 32839, Parcel ID No. 11-23-29-9592-04-070; District 3

Applicant: Trevor Martin
Type of Hearing: Shoreline Alteration/Dredge and Fill Permit Application
Hearing required by Florida Statute # or Code: Chapter 15, Article VI, Pumping and Dredging Control
Advertising requirements: Publish once in a newspaper of general circulation in Orange County at least (7) seven days prior to public hearing.
Advertising timeframes: At least (7) seven days prior to public hearing.
Abutters to be notified: The applicant and the property owners within five hundred (500) feet of the project area will be notified at least (7) seven days prior to the public hearing by the Environmental Protection Division (EPD).
Estimated time required For public hearing: 2 minutes

April 12, 2023

Request for Public Hearing – Shoreline Alteration/Dredge and Fill Permit Application for Trevor Martin (SADF-22-09-025)

Municipality or other
Public Agency to be
notified:

Florida Department of Environmental Protection,
DEP_CD@FloridaDEP.gov

Hearing Controversial: No

District #: 3

Materials being submitted as backup for public hearing request:

1. Location Map
2. Site Plan
3. Site Photos

Special Instructions to Clerk:

1. Once the Board of County Commissioners makes a decision on the Shoreline Alteration/Dredge and Fill Permit Application, please submit the decision letter to Liz Johnson with EPD. EPD will issue the decision to the applicant.

Advertising Language:

1. Applicant, Trevor Martin, is requesting a Shoreline Alteration/Dredge and Fill Permit (SADF-22-09-025) to authorize the construction of a 52-foot vinyl seawall, with riprap and plantings, on the shoreline of Lake Holden at 819 Springwood Drive, Orlando, FL 32839, Parcel ID No. 11-23-29-9592-04-070; District 3 (property legal description on file at EPD).

HD/JR/TMH/ERJ/DJ/gfdjr: jk

Attachments

Application for Shoreline Alteration/Dredge and Fill



**Shoreline Alteration Dredge and Fill
Permit Request
SADF-22-09-025
District #3**

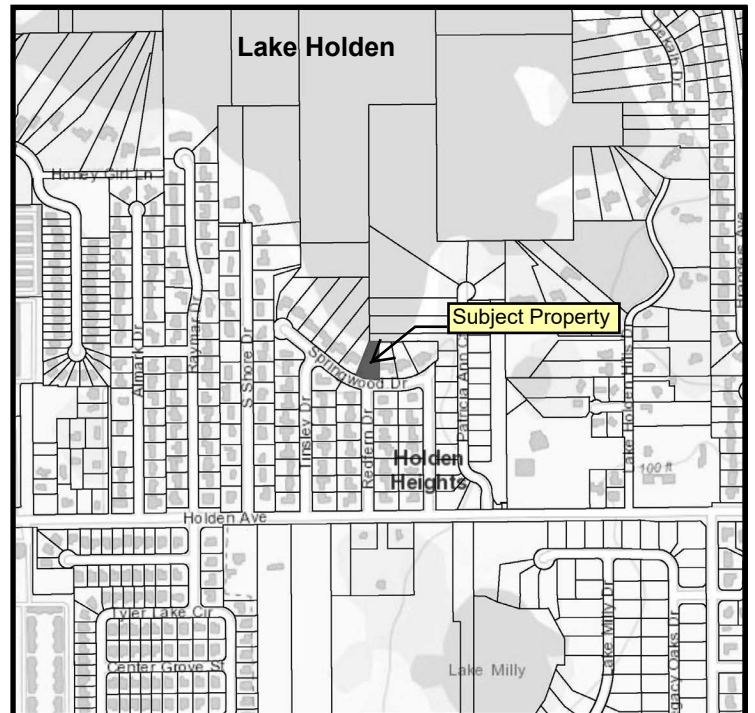
Applicant: Trevor Martin

Address: 819 Springwood Drive

Parcel ID: 11-23-29-9592-04-070

Project Site 

Property Location 





KLP DESIGN SERVICES
 235 S. MAULD AVE, SUITE 216
 MAITLAND, FL. 32751
 Phone (407) 847-7549
 EMAIL: info@klpservices.com

Pedro L. Medina, P.E.
 Professional Engineer
 FL. P.E. # 73579
 pedro@prodcfl.com

DIGITALLY SIGNED BY
 PEDRO L. MEDINA, P.E. #73579
 PRINTED COPIES OF THIS DOCUMENT
 ARE NOT CONSIDERED VALID AND
 SHOULD BE REJECTED UNLESS
 THE SIGNATURE MUST
 BE VERIFIED ON ANY ELECTRONIC
 COPIES

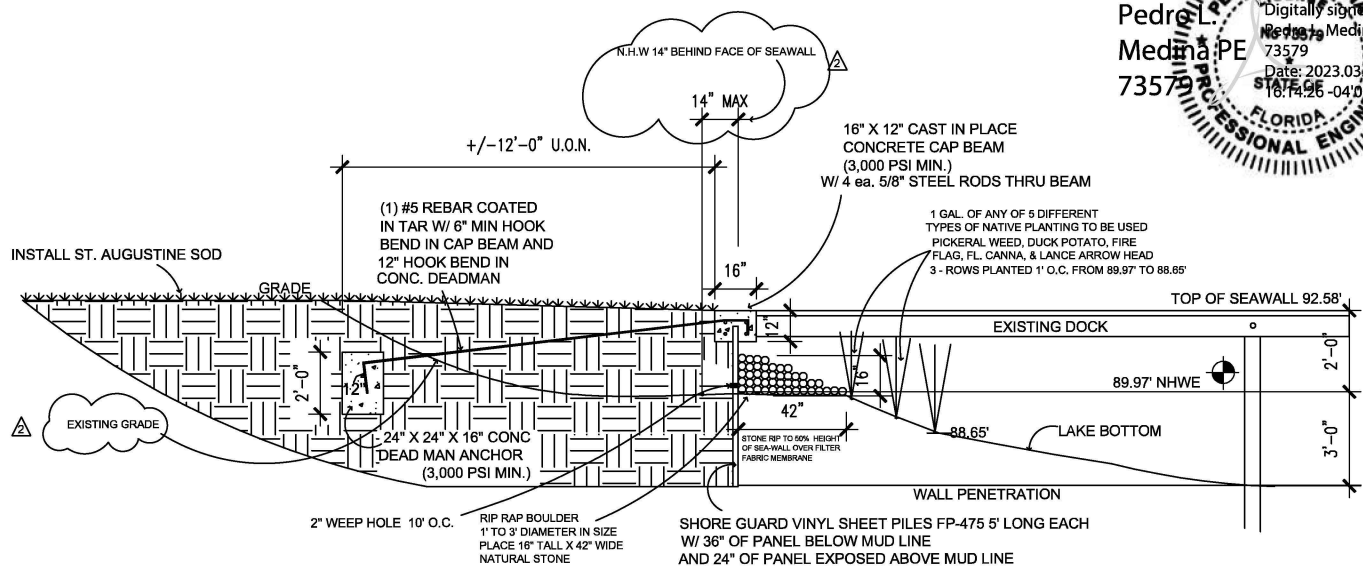
Specialty Marine
 TREVOR MARTIN
 PARCEL # 11-23-29-9592-04-070
 819 SPRING WOOD DR.
 ORLANDO FL. 32839

Job No. P9802	REVISIONS
Drawn By S. JAMESON	1 08-21-2023
Reviewed By P.L. MEDINA	2 08-18-2023
Date 08-08-2023	
Scale 1/4" = 1'-0"	

SEAWALL
 CROSS SECTION

S1

Pedro L. Medina, P.E.
 73579
 Date: 2023.03.24
 18:14:26 -04'00'
 PROFESSIONAL ENGINEER
 FLORIDA



SEA WALL CROSS SECTION

1/4" = 1'-0"

ENGINEER NOTE
 A CONCAVED WALL WILL
 FUNNEL ALL THE WAVES ENERGY
 TO THE ENTER
 WHICH WILL CAUSE WAVES TO
 CRASH INTO EACH OTHER, AND
 CAUSE WATER TO SPLASH ABOVE
 WALL, IT WILL ALSO CAUSE
 EXCESSIVE LAKE WEED DEBRIS
 COLLECT IN CENTER

DESIGN REQUIREMENTS:
 A. FLOORS LIVE LOAD IS 40 PSF BALCONIES,
 DECKS, STAIRS, LIVE LOAD IS 80 PSF.
 B. ROOF LIVE LOAD IS 30 PSF

CONSTRUCTION TYPE V-B
 NOTE: THIS STRUCTURE HAS BEEN DESIGNED TO MEET
 OR EXCEED REQUIREMENTS OF THE 2020 FLORIDA BUILDING
 CODE RESIDENTIAL 7TH EDITION PER ASCE 7-16
 1. DESIGN WIND SPEED - V asd 109MPH@ V ulr - 140MPH
 2. RISK FACTOR II
 3. WIND EXPOSURE - CATEGORY (D)
 4. INTERNAL PRESSURE COEFFICIENT- (ASCE 7-16) OPEN
 BUILDINGS= 0.0
 HEIGHT AND EXPOSURE ADJUSTMENT COEF. - (-1.26)
 PER FBOR 2020 7TH EDITION R301.2(3)
 5. COMPONENTS AND CLADDING : PER FBOR 2020 7TH EDITION
 R301.2(2) SEE WINDOW AND DOOR REQUIREMENTS



