



Interoffice Memorandum

Received: March 16, 2021 @ 9:28am
Publish: March 28, 2021
Deadline: March 23, 2021

March 16, 2021

To: Katie Smith, 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 April 13, 2021 at 2:00 p.m. for a Shoreline
Alteration/Dredge and Fill Permit Application (SADF-20-06-012) for the
construction of a new seawall along the shoreline of the property located
at 9716 Wildoak Drive, Windermere, FL 34786, on Lake Down, Parcel ID
No. 04-23-28-9332-00-820, District 1

Applicant: Bruce Knox
Type of Hearing: Shoreline Alteration/Dredge and Fill Permit Application
Hearing required by Florida Statute # or Code: Chapter 33, Article IV, Windermere Water and Navigational
Control District
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 applicants and the property owners within 500 feet of the
project area will be notified at least (7) seven days prior to public
hearing by the Environmental Protection Division (EPD).
Lake Advisory Board to be notified: Windermere Water & Navigational Control District
Ijaz Ahmed (Chairman) - ijazahmed736@gmail.com

March 16, 2021

Request for Public Hearing – Shoreline Alteration/Dredge and Fill Permit Application for Bruce Knox (SADF-20-06-012)

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Estimated time required  
For public hearing: 2 minutes

Municipality or other  
Public Agency to be  
notified: Florida Department of Environmental Protection–  
[DEP\\_CD@dep.state.fl.us](mailto:DEP_CD@dep.state.fl.us)

Hearing Controversial: No

District #: 1

Materials being submitted as backup for public hearing request:

1. Site Plan
2. Location Map

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 Elizabeth Johnson with EPD. EPD will issue the decision to the applicant.

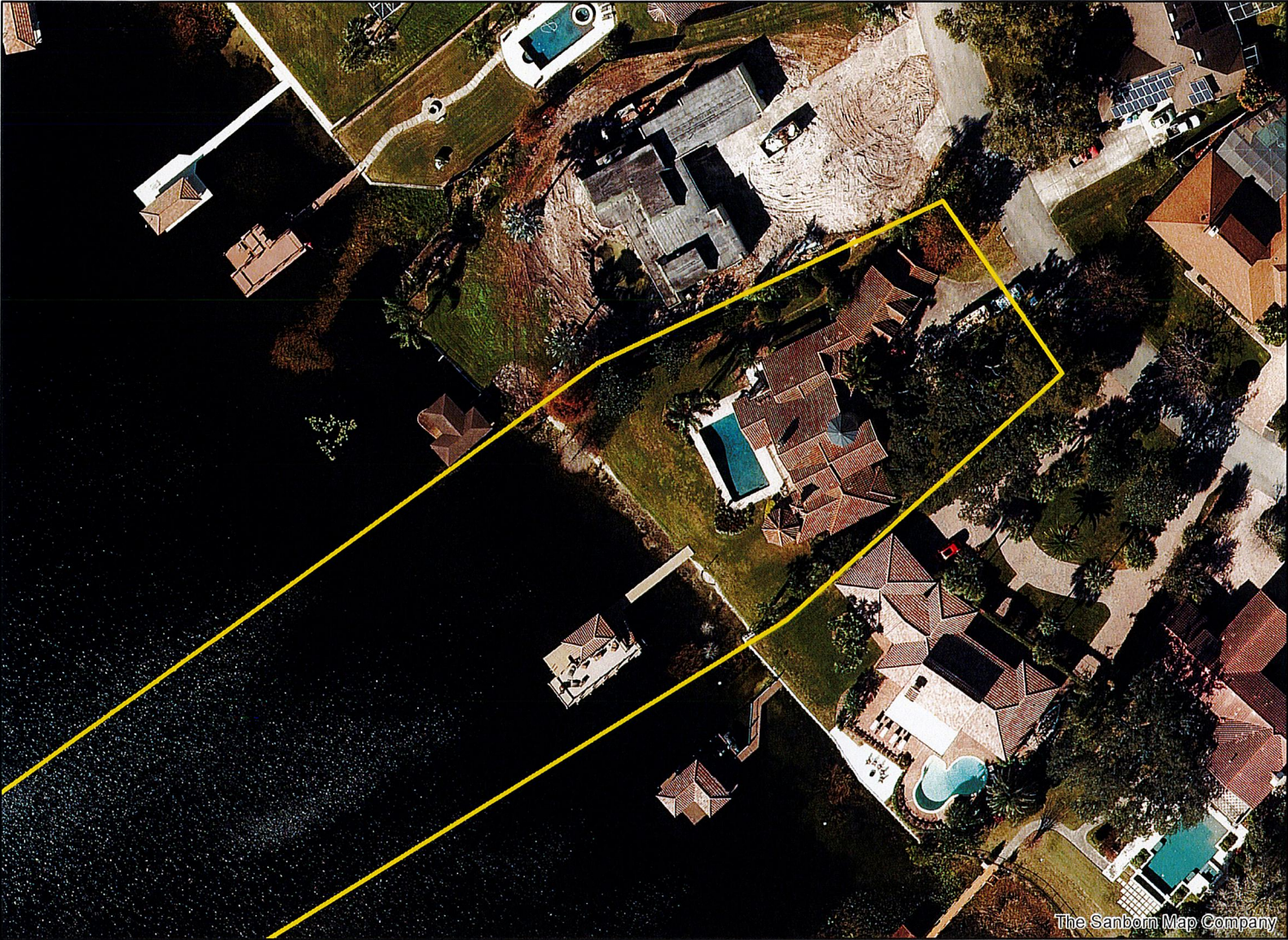
Advertising Language:

1. Applicant, Bruce Knox, is requesting a Shoreline Alteration/Dredge and Fill Permit (SADF-20-06-012) to construct a new seawall along the shoreline of the property located at 9716 Wildoak Drive, Windermere on Lake Down pursuant to Chapter 33, Article IV, Windermere Water and Navigational Control District. Parcel ID No. 04-23-28-9332-00-820, District 1 (property legal description on file at EPD).

EL/NT/TMH/ERJ/DJ/gfdjr: mg



Attachments

# Shoreline Alteration/Dredge and Fill Permit Request



**Shoreline Alteration/Dredge  
and Fill Permit Request**  
**SADF-20-06-012**  
**District #1**

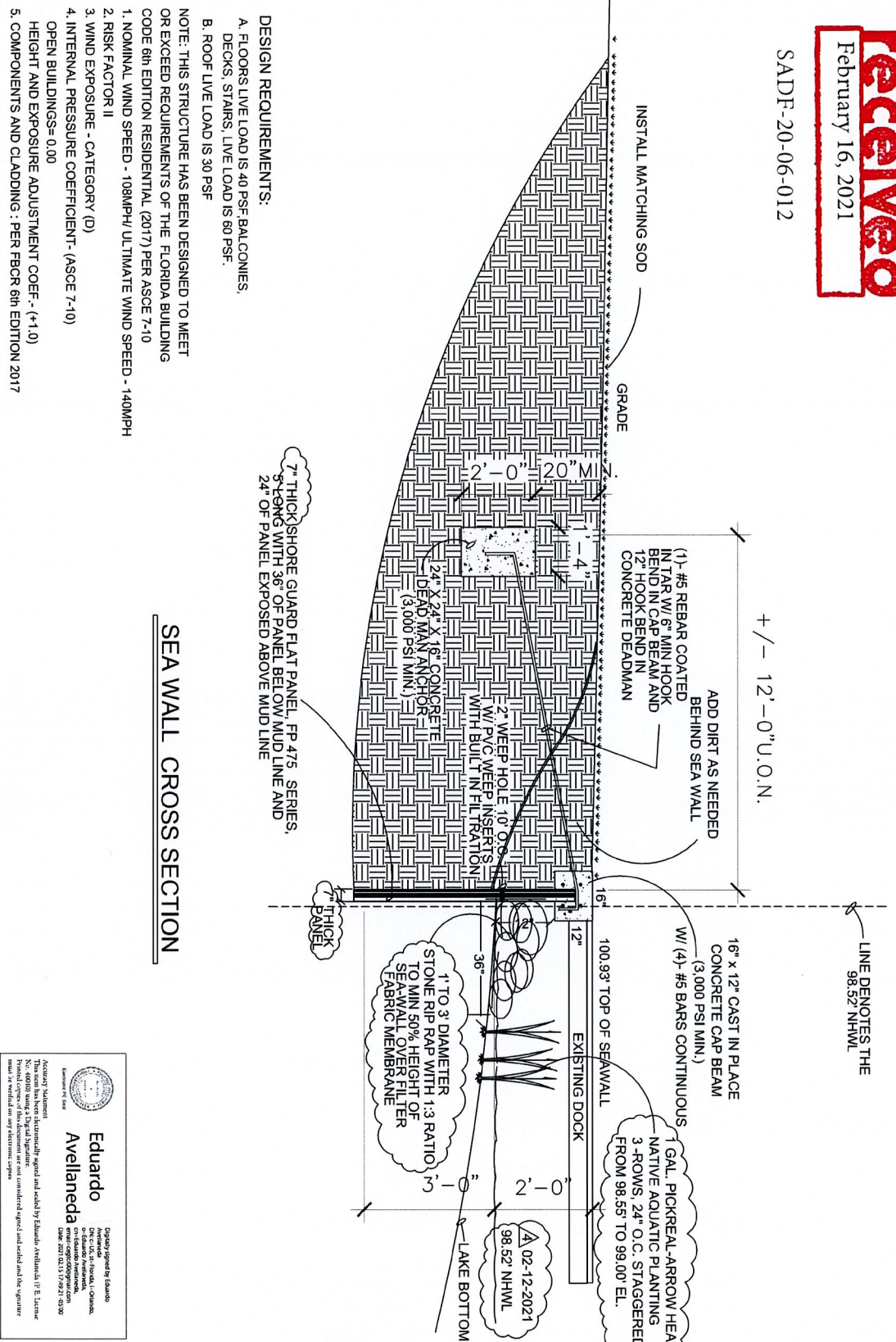
**Applicants: Bruce Knox**  
**Address: 9716 Wildoak Drive**  
**Parcel ID: 04-23-28-9332-00-820**

**Project Site**   
**Property Location** 



**Received**  
February 16, 2021

SADF-20-06-012



**SEA WALL CROSS SECTION**

- DESIGN REQUIREMENTS:**
- A. FLOORS LIVE LOAD IS 40 PSF BALCONIES, DECKS, STAIRS. LIVE LOAD IS 60 PSF.
  - B. ROOF LIVE LOAD IS 30 PSF
- NOTE:** THIS STRUCTURE HAS BEEN DESIGNED TO MEET OR EXCEED REQUIREMENTS OF THE FLORIDA BUILDING CODE 6th EDITION RESIDENTIAL (2017) PER ASCE 7-10
- 1. NOMINAL WIND SPEED - 108MPH/ ULTIMATE WIND SPEED - 140MPH
  - 2. RISK FACTOR II
  - 3. WIND EXPOSURE - CATEGORY (D)
  - 4. INTERNAL PRESSURE COEFFICIENT- (ASCE 7-10) OPEN BUILDINGS= 0.00
  - 5. COMPONENTS AND CLADDING : PER FBOR 6th EDITION 2017

Author's Statement  
This seal has been electronically signed and sealed by Eduardo Avellaneda, P.E. License No. 12509. The seal is a legal signature and cannot be considered signed and sealed until the signature has been verified on any electronic system.

**Eduardo Avellaneda**  
Professional Engineer  
12509  
10/20/13  
12/21/2021

Digitally signed by Eduardo Avellaneda  
DN: cn=Eduardo Avellaneda, o=Avellaneda, ou=Avellaneda, email=eduardo@avellaneda.com, c=US

**SEA WALL CROSS SECTION**

**SW1**

DATE	REVISIONS
05/28/20	1. 07/26/2020
05/28/20	2. 07/26/2020
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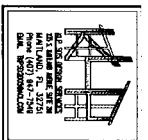
**SEA WALL CROSS SECTION**

**SW1**

**Specialty Marine**  
Knox Seawall  
9716 Wild Oak Dr. Windermere, FL.

**SEA WALL CROSS SECTION**

**SW1**



**Specialty Marine**  
 Knox Seawall  
 9716 Wild Oak Dr. Windermere, Fl.

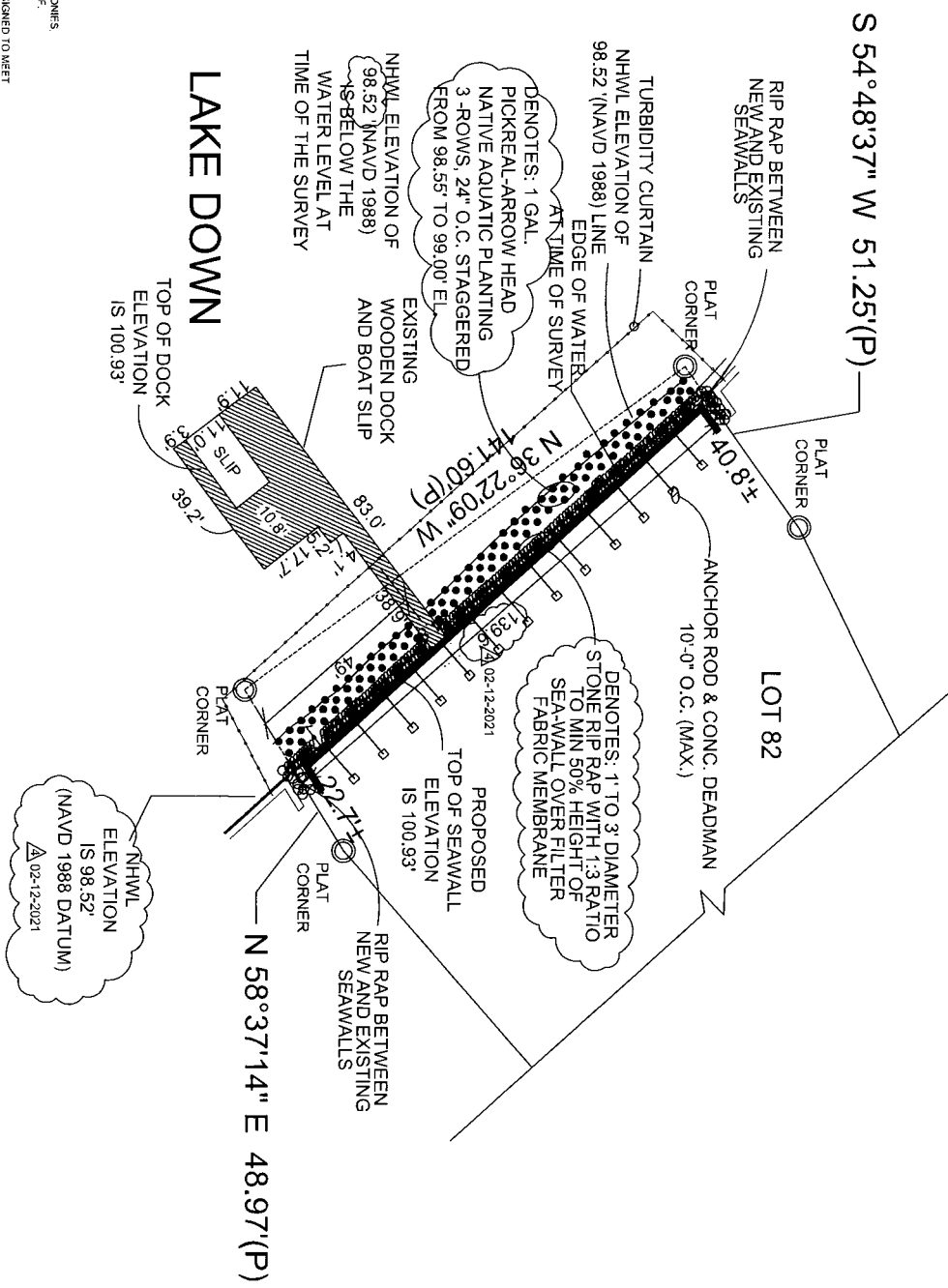
**PERMIT REQUIRED BY**  
 EDWARD AVILLANEDA  
 REGISTERED PROFESSIONAL ENGINEER  
 IN THE STATE OF FLORIDA  
 LICENSE NO. 12284-2021  
 DATE: 05/26/20

JOB NO.	PERMITS	REVISIONS
DATE	DATE	DATE
05/26/20	02-12-2021	
Scale:	1" = 30'-0"	

SEA WALL  
 TOP VIEW

**SW2**

**Eduardo Avillaneda**  
 Registered Professional Engineer  
 No. 12284-2021  
 State of Florida  
 Date: 05/26/20



**DESIGN REQUIREMENTS:**  
 A. LOADS: LIVE LOADS TO BE PER ASCE 7-10  
 DEAD LOADS TO BE PER ASCE 7-10  
 B. ROOF LIVE LOAD IS 30 PSF  
 NOTE: THIS STRUCTURE HAS BEEN DESIGNED TO MEET OR EXCEED REQUIREMENTS OF THE FLORIDA BUILDING CODE 8th EDITION RESIDENTIAL (2017) PER ASCE 7-10  
 1. NOMINAL WIND SPEED - 100MPH, ULTIMATE WIND SPEED - 140MPH  
 2. RISK FACTOR II  
 3. WIND EXPOSURE - CATEGORY (D)  
 4. INTERNAL PRESSURE COEFFICIENT - ASCE 7-10  
 OPEN BUILDINGS - 0.00  
 HEIGHT AND EXPOSURE ADJUSTMENT COEF - 1.10  
 5. COMPONENTS AND CLADDING - PER FBCL 8th EDITION 2017