



Interoffice Memorandum

Received: Sept. 23, 2021 @ 12:09pm

Publish: October 24

Deadline: October 19

September 22, 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

A handwritten signature in blue ink, appearing to be "DJ".

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

Subject: Request for Public Hearing on November 9, 2021 at 2:00 p.m. for a Shoreline Alteration/Dredge and Fill Permit Application (SADF-21-07-015) for the construction of a replacement seawall along a canal directly connected to Little Lake Conway for the property located at 495 Mandalay Road, Orlando, FL 32809, Parcel ID No. 13-23-29-5489-00-040, District 3

Applicant: Christopher Dawson

Type of Hearing: Shoreline Alteration/Dredge and Fill Permit Application

Hearing required by
Florida Statute # or Code: Chapter 33, Article II, Lake Conway 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 applicant 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: Lake Conway Water & Navigational Control District
Elizabeth Nelson (Chair) – edcedn@aol.com

September 22, 2021

Request for Public Hearing – Shoreline Alteration/Dredge and Fill Permit Application for Christopher Dawson (SADF-21-07-015)

Page 2

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

Hearing Controversial: No

District #: 3

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

Advertising Language:

1. Applicant, Christopher Dawson, is requesting a Shoreline Alteration/Dredge and Fill Permit (SADF-21-07-015) to construct a replacement wooden seawall immediately waterward of a failing concrete seawall within a canal connected to Little Lake Conway pursuant to Chapter 33, Article II, Lake Conway Water and Navigational Control District, 495 Mandalay Road, Orlando, FL 32809. Parcel ID No. 13-23-29-5489-00-040, District 3 (property legal description on file at EPD).

EL/NT/TMH/ERJ/DJ/jk

Attachments

Shoreline Alteration/Dredge and Fill Permit Request



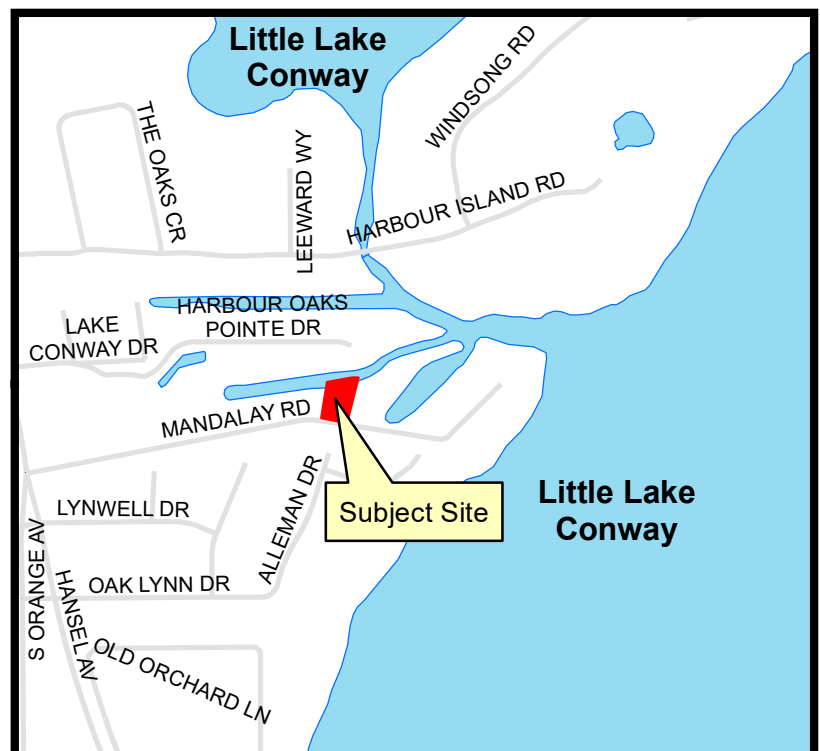
**Shoreline Alteration/Dredge and
Fill Permit Request
SADF-21-07-015
District 3**

**Applicants: Christopher Dawson
Address: 495 Mandalay Rd
Parcel ID: 13-23-29-5489-00-040**

Project Site



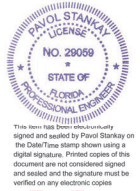
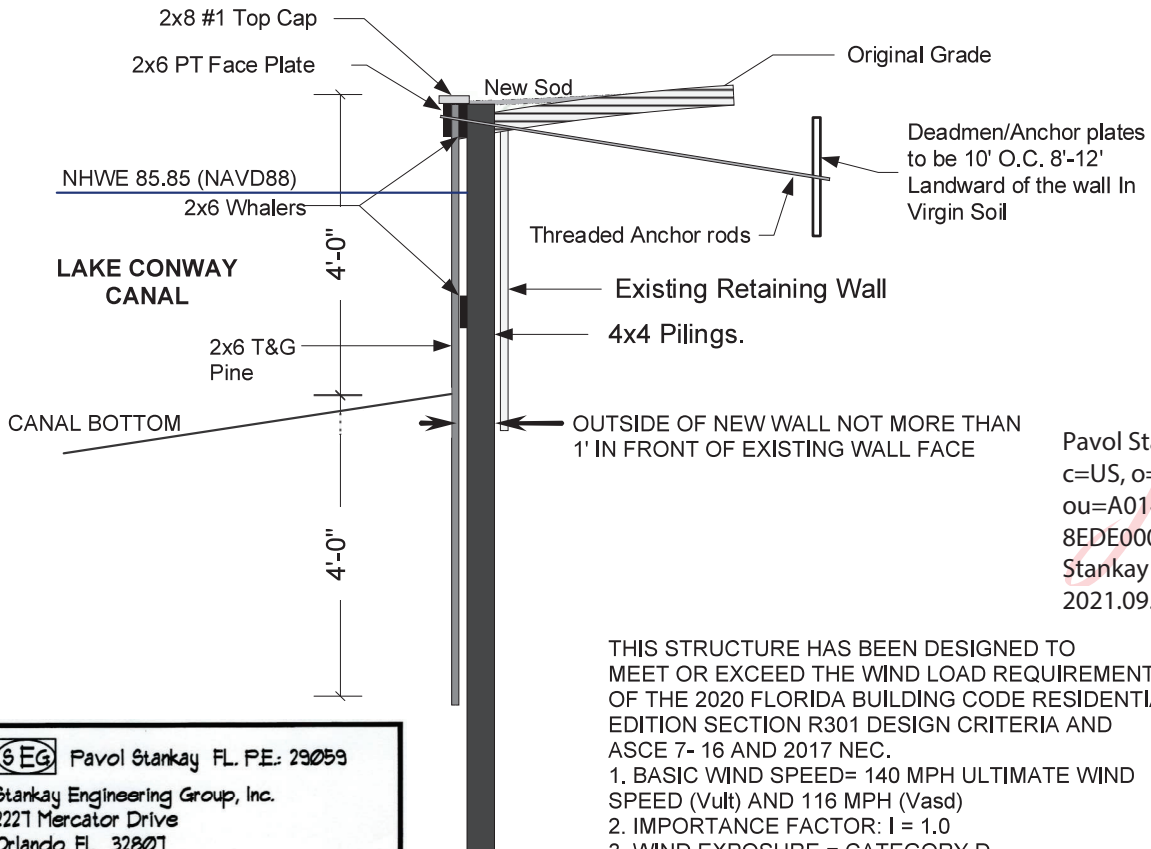
Property Location



received

September 2, 2021

Dawson Wood Retaining Wall Cross Section 495 Mandalay Road, Edgewood, FL 32809



This form has been electronically signed and sealed by Pavol Stankay on the Date/Time stamp shown using a digital signature. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies

Pavol Stankay
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 ou=A01410C00000170C122,
 8EDE0000BFDB, cn=Pavol
 Stankay
 2021.09.02 10:27:23 -04'00'

SE Pavol Stankay FL. P.E.: 29059
 Stankay Engineering Group, Inc.
 2221 Mercator Drive
 Orlando, FL 32807
 (407) 701-2145

THIS STRUCTURE HAS BEEN DESIGNED TO MEET OR EXCEED THE WIND LOAD REQUIREMENTS OF THE 2020 FLORIDA BUILDING CODE RESIDENTIAL EDITION SECTION R301 DESIGN CRITERIA AND ASCE 7- 16 AND 2017 NEC.
 1. BASIC WIND SPEED= 140 MPH ULTIMATE WIND SPEED (Vult) AND 116 MPH (Vasd)
 2. IMPORTANCE FACTOR: I = 1.0
 3. WIND EXPOSURE = CATEGORY D
 4. RISK CATEGORY II - TABLE 1604.5

DAWSON SEAWALL SITE PLAN - 495 MANDALAY ROAD

LEGAL DESCRIPTION:

LOT 4, MANDALAY SHORES, ACCORDING TO THE MAP OR PLAT THEREOF, AS RECORDED IN PLAT BOOK 3, PAGE(S) 37, OF THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA.

FLOOD INFORMATION:

BY PERFORMING A SEARCH WITH THE LOCAL GOVERNING MUNICIPALITY OR WWW.FEMA.GOV, THE PROPERTY APPEARS TO BE LOCATED IN ZONE X500,AE,X. THIS PROPERTY WAS FOUND IN CITY OF EDGEWOOD, COMMUNITY NUMBER 120183, DATED 9/25/2009.

CERTIFIED TO:

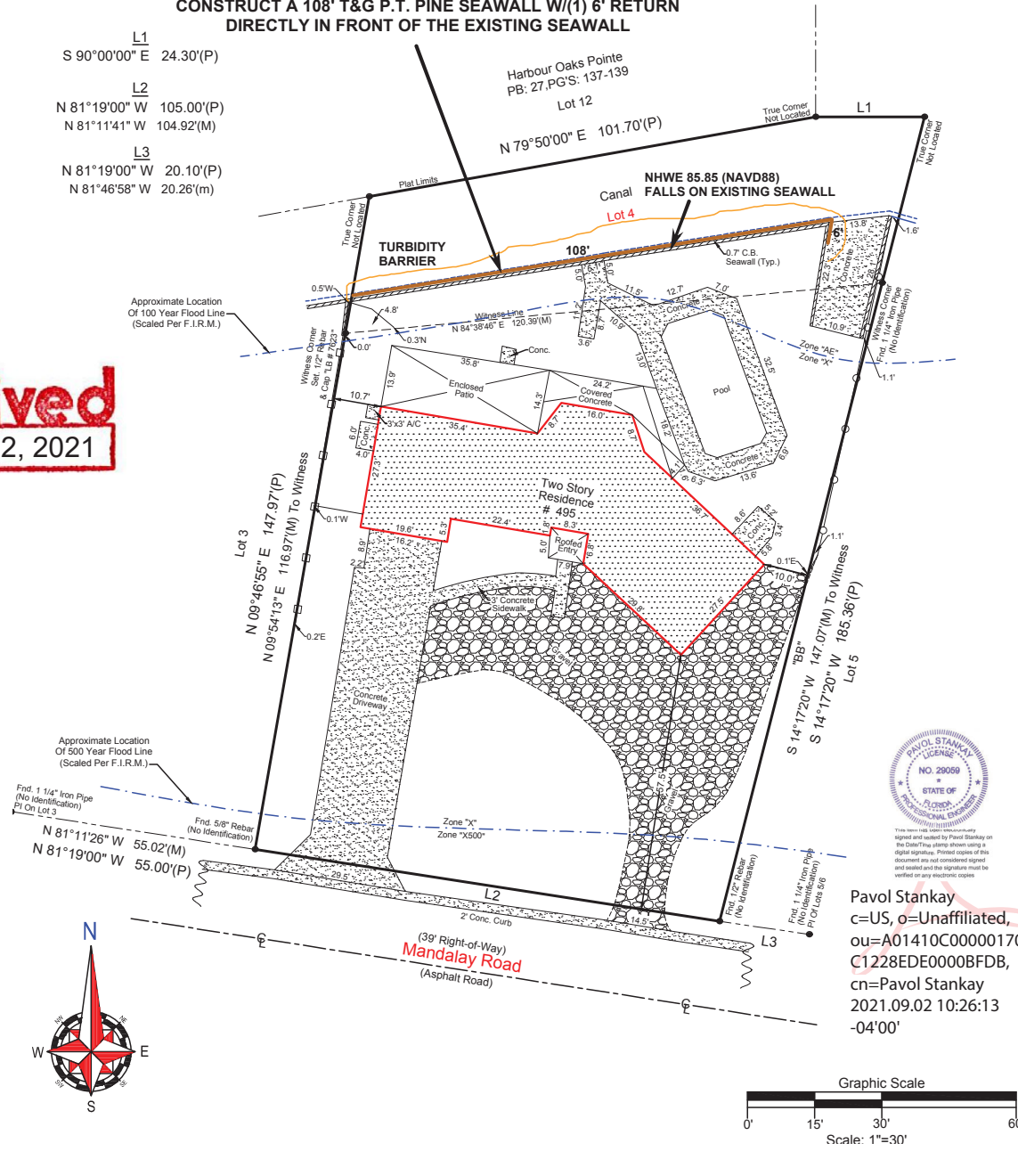
CHRISTOPHER THOMAS DAWSON; ARTESIAN TITLE, INC; FIDELITY NATIONAL TITLE INSURANCE COMPANY; FIDELITY FUNDING MORTGAGE CORP.; ITS SUCCESSORS AND/OR ASSIGNS; AS THEIR INTERESTS MAY APPEAR



495 MANDALAY ROAD, ORLANDO, FLORIDA 32809

CONSTRUCT A 108' T&G P.T. PINE SEAWALL W/(1) 6' RETURN DIRECTLY IN FRONT OF THE EXISTING SEAWALL

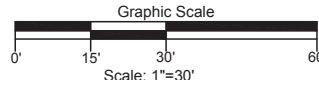
- L1**
S 90°00'00" E 24.30'(P)
- L2**
N 81°19'00" W 105.00'(P)
N 81°11'41" W 104.92'(M)
- L3**
N 81°19'00" W 20.10'(P)
N 81°46'58" W 20.26'(m)



received
September 2, 2021



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cn=Pavol Stankay
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Field Date: 6/10/2020	Date Completed: 06/11/2020
Drawn By: G.S.	File Number: JS-74837
-Legend-	
C - Calculated	PC - Point of Curvature
CB - Centrifuge	Pg. - Page
CC - Concrete Block	PI - Point of Intersection
CM - Concrete Monument	P.O.B. - Point of Beginning
Conc. - Concrete	P.O.L. - Point on Line
D - Description	PP - Power Pole
DE - Drainage Easement	PRM - Permanent Reference Monument
Easmt. - Easement	PT - Point of Tangency
F.E.M.A. - Federal Emergency Management Agency	R - Radius
FFE - Finished Floor Elevation	Rad. - Radial
Find. - Found	R&C - Rebar & Cap
IP - Iron Pipe	Rec. - Recovered
L - Length (Arc)	Rfd. - Roofed
M - Measured	Sat. - Set 1/2" Rebar & Cap "LB 7623"
N&D - Non-Radial	Rebar - Rebar
N.R. - Non-Radial	Typ. - Typical
ORB - Official Records Book	UE - Utility Easement
P - Plat	WM - Water Meter
P.B. - Plat Book	Δ - Delta (Central Angle)
□ - Wood Fence	○ - Chain Link Fence

NOTES
 >Survey is Based upon the Legal Description Supplied by Client.
 >Abutting Properties Deeds have NOT been Researched for Gaps, Overlaps and/or Hiatus.
 >Subject to any Easements and/or Restrictions of Record.
 >Bearing basis shown hereon, is Assumed and Based upon the Line Denoted with a "BB".
 >Building Ties are NOT to be used to reconstruct Property Lines.
 >Fence Ownership is NOT determined.
 >Roof Overhangs, Underground Utilities and/or Footers have NOT been located UNLESS otherwise noted.
 >Septic Tanks and/or Drainfield locations are approximate and MUST be verified by appropriate Utility Location Companies.
 >Use of This Survey for Purposes other than Intended, Without Written Verification, Must be at the User's Sole Risk and Without Liability to the Surveyor. Nothing Hereon shall be construed to give ANY Rights or Benefits to Anyone Other than those Certified.

CHRIS DAWSON
 495 MANDALAY ROAD
 EDGEWOOD, FL 32809

I hereby Certify that this Boundary Survey of the above Described Property is True and Correct to the Best of my Knowledge and Belief as recently Surveyed under my Direction on the Date Shown, Based on Information furnished to Me as Noted and Conforms to the Standards of Practice for Land Surveying in the State of Florida in accordance with Chapter 53-17,052 Florida Administrative Codes, Pursuant to Section 477.027 Florida Statutes.

XXXXXXXXXXXX FOR THE FIRM

Patrick K. Ireland, PSM 6637, LB 7623
 This Survey is Intended ONLY for the use of Said Certified Parties.
 This Survey NOT VALID UNLESS Signed and Embossed with Surveyor's Seal.

Ireland & Associates Surveying, Inc.
 800 Currency Circle | Suite 1020
 Lake Mary, Florida 32746
 www.irelandsurveying.com
 Office-407.678.3366 Fax-407.320.8165



September 4, 2021

Orange County Environmental Protection Division
3165 McCrory Place, Suite 200
Orlando, FL 32803



Re: Dawson Residence – Proposed Seawall at the NHWE
495 Mandalay Road
Orlando, FL 32809
Orange County

Permit Number: SADF-21-07-015

Dear Environmental Specialist:

Please accept this letter as a “written justification” to construct a new vertical seawall along the NHWE of the above referenced property, as requested by Orange County EPD.

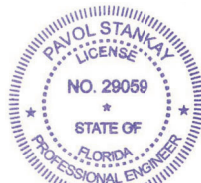
It is my professional opinion that the construction of a vertical wooden seawall directly waterward of the existing concrete seawall is the only practical method to permanently stabilize the shoreline and prevent undermining and erosion that could lead to water quality impacts.

If there are any questions, please contact our office at the phone number listed below.

Sincerely,

Pavol Stankay, FL. P.E. #29059

cc: File



This item has been electronically signed and sealed by Pavol Stankay on the Date/Time stamp shown using a digital signature. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies

Pavol Stankay
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cn=Pavol Stankay
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