



Interoffice Memorandum

Received on 7/16/21 at 11:31 a.m.
Publish: August 29, 2021
Deadline: August 24, 2021

July 15, 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", located next to the "From:" field.

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

Subject: Request for Public Hearing on September 14, 2021, at 2:00 p.m., for a Shoreline Alteration/Dredge and Fill Permit Application (SADF-21-01-000) for the construction of a new seawall along the shoreline of the property located at 501 Lake Street, Windermere, FL 34786, on Lake Down. Parcel ID No. 17-23-28-9336-02-530, District 1

=====
Applicants: Richard and Deanne Irwin

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

July 15, 2021

Request for Public Hearing – Shoreline Alteration/Dredge and Fill Permit Application for Richard and Deanne Irwin (SADF-21-01-000)

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

Advertising Language:

1. Applicants, Richard and Deanne Irwin, are requesting a Shoreline Alteration/Dredge and Fill Permit (SADF-21-01-000) to construct a new seawall 112 feet in length along the shoreline of Lake Down on the property located at 501 Lake Street, Windermere, FL, pursuant to Chapter 33, Article IV, Windermere Water and Navigational Control District. Parcel ID No. 17-23-28-9336-02-530, District 1 (property legal description on file at EPD).

RB/NT/TMH/ERJ/DJ: jk

Attachments

Shoreline Alteration/Dredge and Fill Permit Request



Shoreline Alteration/Dredge and Fill Permit Request

SADF-21-01-000

District #1

Applicants: Richard and Deanne Irwin

Address: 501 Lake Street

Parcel ID No.: 17-23-28-9336-02-530

Project Site 

Property Location 



RECEIVED
By Rebecca Bowden at 2:44 pm, Jul 13, 2021

BEGIN at the Southwest corner of Lot 253, according to the PLAT OF WINDERMERE, as recorded in Plat Book "G", Pages 36 through 39, of the Public Records of Orange County, Florida; thence run N 18°18'09" W along the East right of way line of Lake Street, 287.0 feet to the shore of Lake Down; thence Easterly along said shoreline to a point on the common lot line between Lots 253 and 255, thence S 18°18'09" W 150 feet, more or less, to a point which is 82.16 feet Northerly of the Southeasterly corner of said Lot 253; thence S 17°55' W 87.22 feet to a point on the South line of Lot 253; thence S 71°41'51" W 70.71 feet, along said South line to the POINT OF BEGINNING.

SURVEYOR'S NOTES:

- Not valid without the signature and the original raised seal of a Florida licensed surveyor and mapper.

- Bearings based on the East right-of-way line on Lake Street, being N18°18'09"W (an assumed meridian).

- The words "certify" or "certification", as shown and used hereon, mean an expression of professional opinion regarding the facts of the survey and does not constitute a warranty or guarantee, expressed or implied.

- Lands shown hereon were not abstracted for rights-of-way, easements, ownership or other instruments of record by this firm. Survey based on description of lands shown hereon provided by Client.

- No title opinion or abstract of matters affecting title or boundary to the subject property or those of adjoining land owners have been provided. It is possible there are deeds of record, unrecorded deeds or other instruments which could affect the boundaries or use of the subject property.

— All adjoining rights-of-way, subdivisions and information on adjoining properties shown hereon is from information shown on County Tax Maps. The undersigned surveyor and Donald W. McIntosh Associates, Inc. did not attempt nor was required to do a title search of the above information. Users of this survey are warned that use of this information is at their own peril.

- No underground utilities, improvements, installations or foundations located.

- No attempt to locate jurisdictional wetlands or state sovereignty lands, if any, has been made this date.

This survey may contain lands in navigable waterways which may be owned by the State of Florida. This survey does not attempt to resolve any issues of navigability or of ownership by the State of Florida. Users of this survey, boundary information, acreages, areas and descriptions shown hereon are placed on notice that the use of such information is at their peril as regards to any state owned lands, riparian boundaries or littoral boundaries shown hereon.

- Donald W. McIntosh Associates, Inc. has not researched or determined the Ordinary High Water Line (OHWL) location for Lake Down. The State of Florida may have claim of title to those lands lying waterward of the OHWL of Lake Down.

- The State of Florida may have claim to those lands lying waterward of the "ordinary high water line" which may affect the location of the boundary line fronting the lakes.

- This survey does not reflect or determine ownership.

- The lands described hereon are subject to the Rights of the United States Government and/or the State of Florida arising under the United States Government's control over navigable waters and the inalienable rights of the State of Florida in the lands or waters of similar character as to any part of the premises herein described which are submerged beneath navigable waters or may be artificially filled in lands in what was formerly navigable waters and any accretions thereto.

- The approximate location of the Normal High Water Elevation (NHWE) of 99.5 feet (NGVD29) shown hereon was established by the Orange County Board of County Commissioners on Lake Down per Orange County Lake Index (revised 3/99). The NHWE is not the same as the Ordinary High Water Line (OHWL) and is used locally within Orange County, Florida, by local governmental agencies for engineering design purposes.

- All boundary line bearings, distances and curve data are described and measured unless shown as (D) = Described and/or (M) = Measured.

– Monument offset directions and distances are computed in cardinal directions from boundary corners relative to the bearing basis (i.e., N 0.25' = North 0.25').

- Elevations shown hereon are based on Orange County Benchmark #T-523-008; being a Railroad Spike in North face of power pole #91476 on North side of 6th Street and +/- 20' east of Bessie Street; Elevation 123.123 feet. (NGVD29 Datum per Orange County Engineering Department.)

— According to Flood Insurance Rate Map Community Panel No. 120381 0385 E, Town of Windermere, Orange County, Florida, effective December 6, 2000, the lands described hereon lie in Flood Zone "AE" (Base Flood Elevation 102) and Flood Zone "X" (without shading).

RICHARD M. IRWIN, JR

5# U3-476

OF LOT 253, PLAT OF WINDERMERE

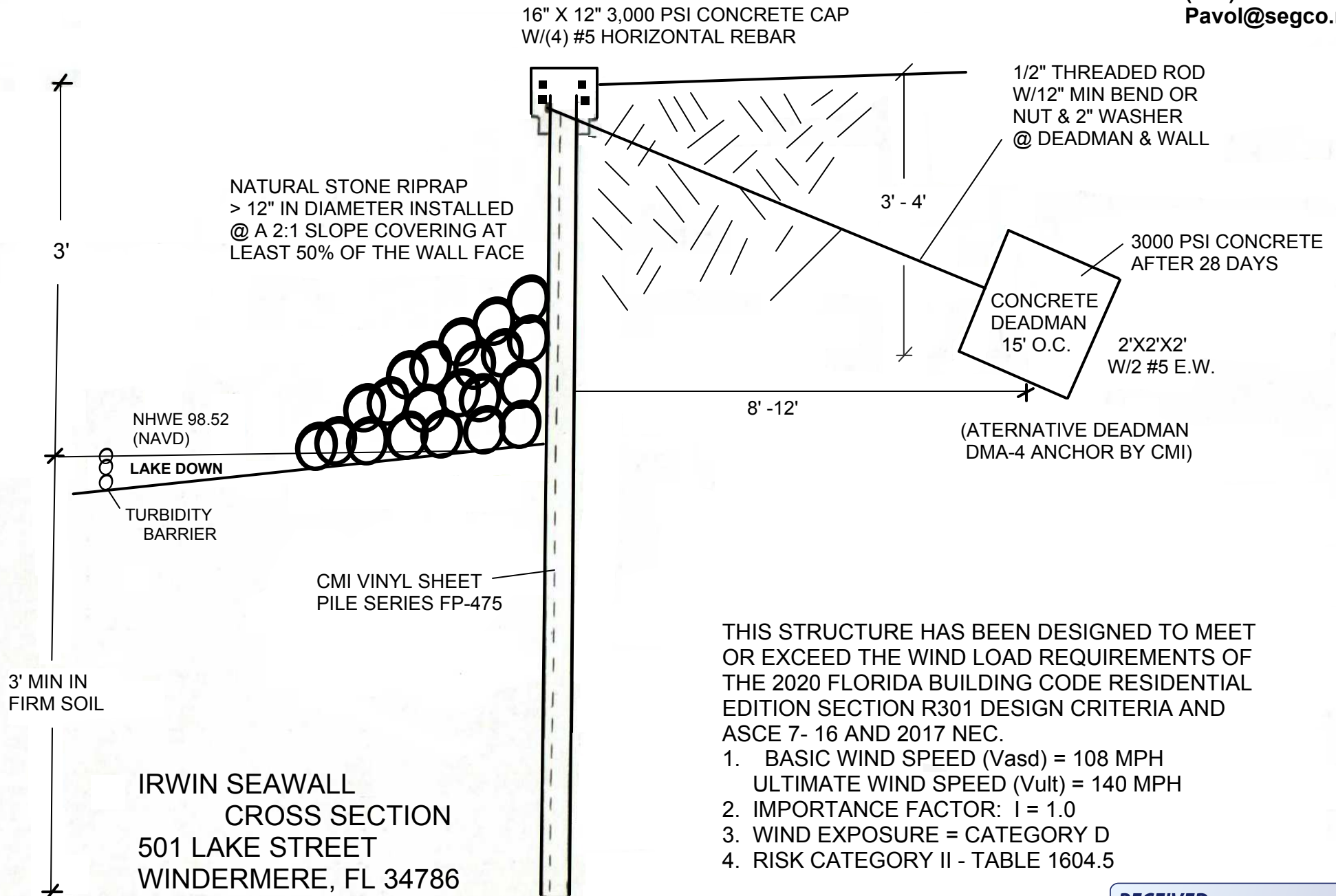
File Name: F:\Proj2003\23167\Sdwg\bndy\23167000.DWG

File Name: F:\Pro\2003\23167\Sdwg\bandy\23167000.DWG

ALTERNATIVE CAP DETAIL
2X8 P.T. SIDE BRACING
W/ (1) 1/2" THRU BOLTS 2' O.C. &
1X6 CAP W/ (2) 2" SCREWS 1' O.C.

112' VINYL SEAWALL W(1) 8' RETURN & (1) 14' RETURN

Pavol Stankay
PE # 29059
2227 Mercator Drive
Orlando, FL 32807
(407) 701-2145
Pavol@segco.net



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 (V_{asd}) = 108 MPH
ULTIMATE WIND SPEED (V_{ult}) = 140 MPH
2. IMPORTANCE FACTOR: $I = 1.0$
3. WIND EXPOSURE = CATEGORY D
4. RISK CATEGORY II - TABLE 1604.5

RECEIVED

By Rebecca Bowden at 11:44 am, Jul 13, 2021



April 8, 2021

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

**Re: Irwin Residence – Proposed Seawall at the NHWE
501 Lake Street
Windermere, FL 34786
Orange County, Florida**

Permit Number: SADF-21-01-000

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 seawall along the Normal High Water Elevation is a only practical method to stabilize and prevent further erosion of the shoreline.

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

Sincerely,

Pavol Stankay, FL. P.E. #29059

cc: File