

*Board of County Commissioners*

**Shoreline Alteration/Dredge and Fill Permit  
Application**

**SADF-21-01-002**

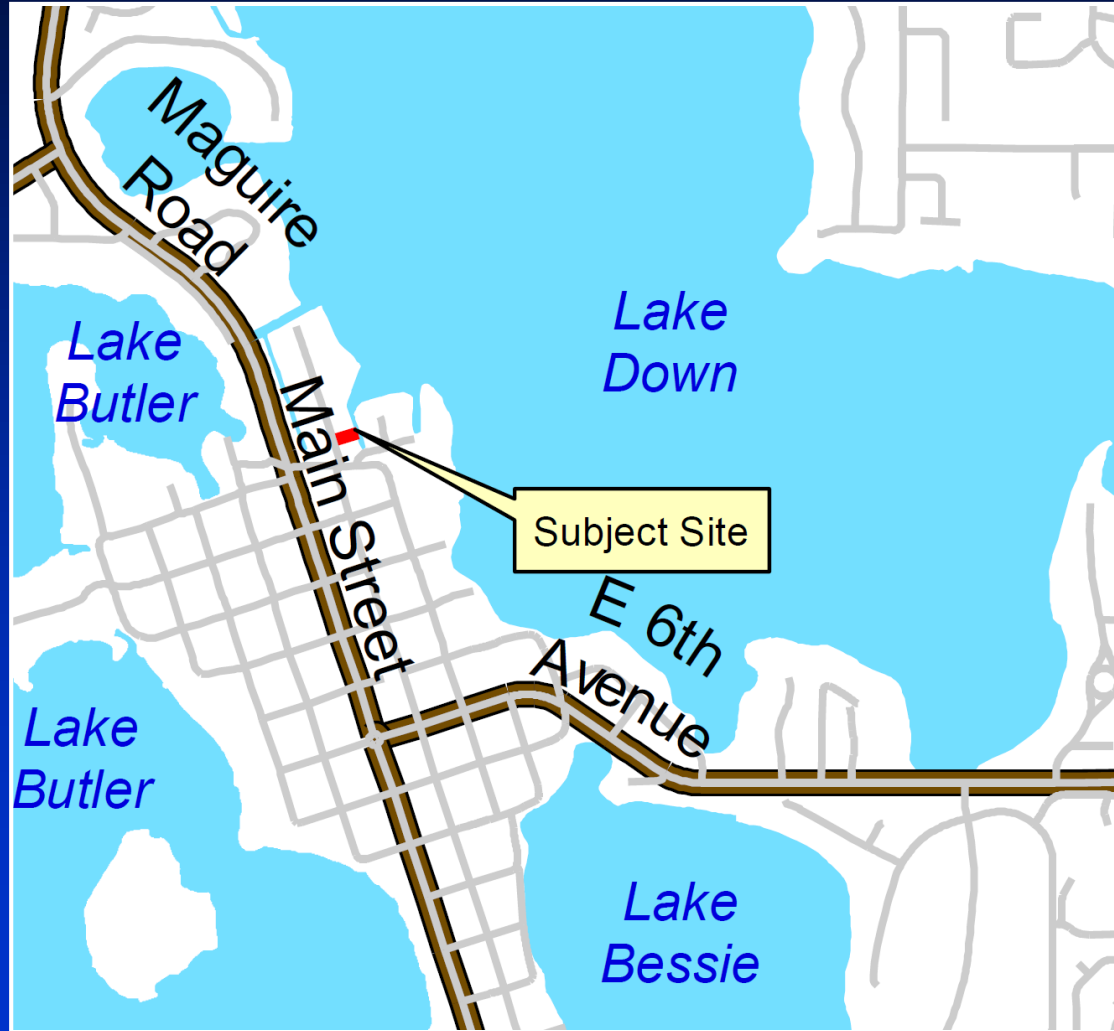
**Applicants: Elijah and Iryna Bailey**

**March 23, 2021**



# Location Map

73 Oakdale St., Windermere



Parcel ID No.: 08-23-28-1948-02-050

73 Oakdale St., Windermere



Parcel ID No.: 08-23-28-1948-02-050



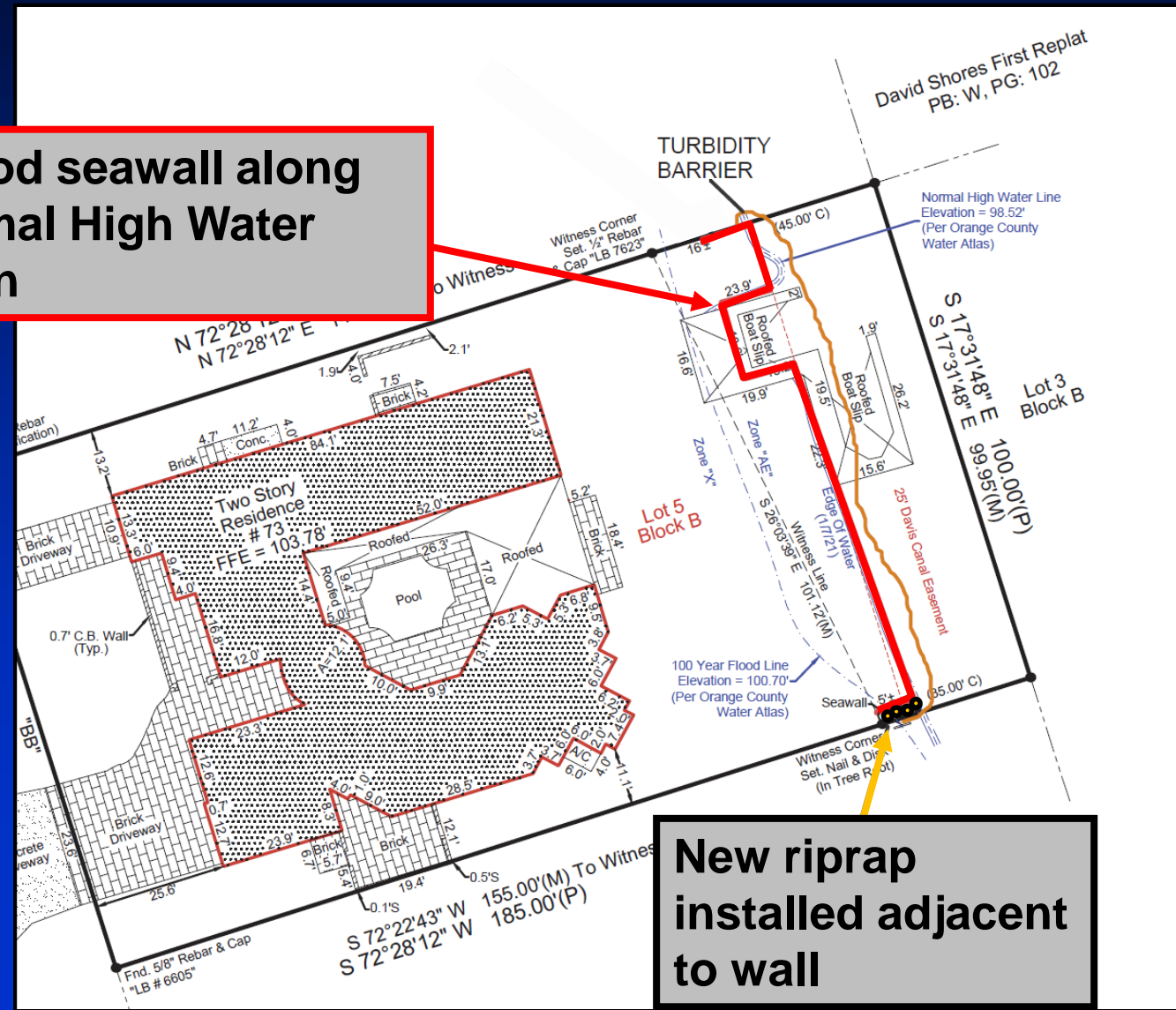
# Existing Conditions





# Site Plan

**New wood seawall along the Normal High Water Elevation**



**New riprap installed adjacent to wall**

David Shores First Replat  
PB: W, PG: 102

Normal High Water Line  
Elevation = 98.52'  
(Per Orange County  
Water Atlas)

Lot 5  
Block B

Lot 3  
Block B

100 Year Flood Line  
Elevation = 100.70'  
(Per Orange County  
Water Atlas)

N 72°28'12" E  
N 72°28'12" E

S 17°31'48" E  
S 17°31'48" E  
100.00'(M)  
99.9595(M)(P)

S 72°22'43" W 155.00'(M) To Witness  
S 72°28'12" W 185.00'(P)

Fnd. 5/8" Rebar & Cap  
"LB # 6605"



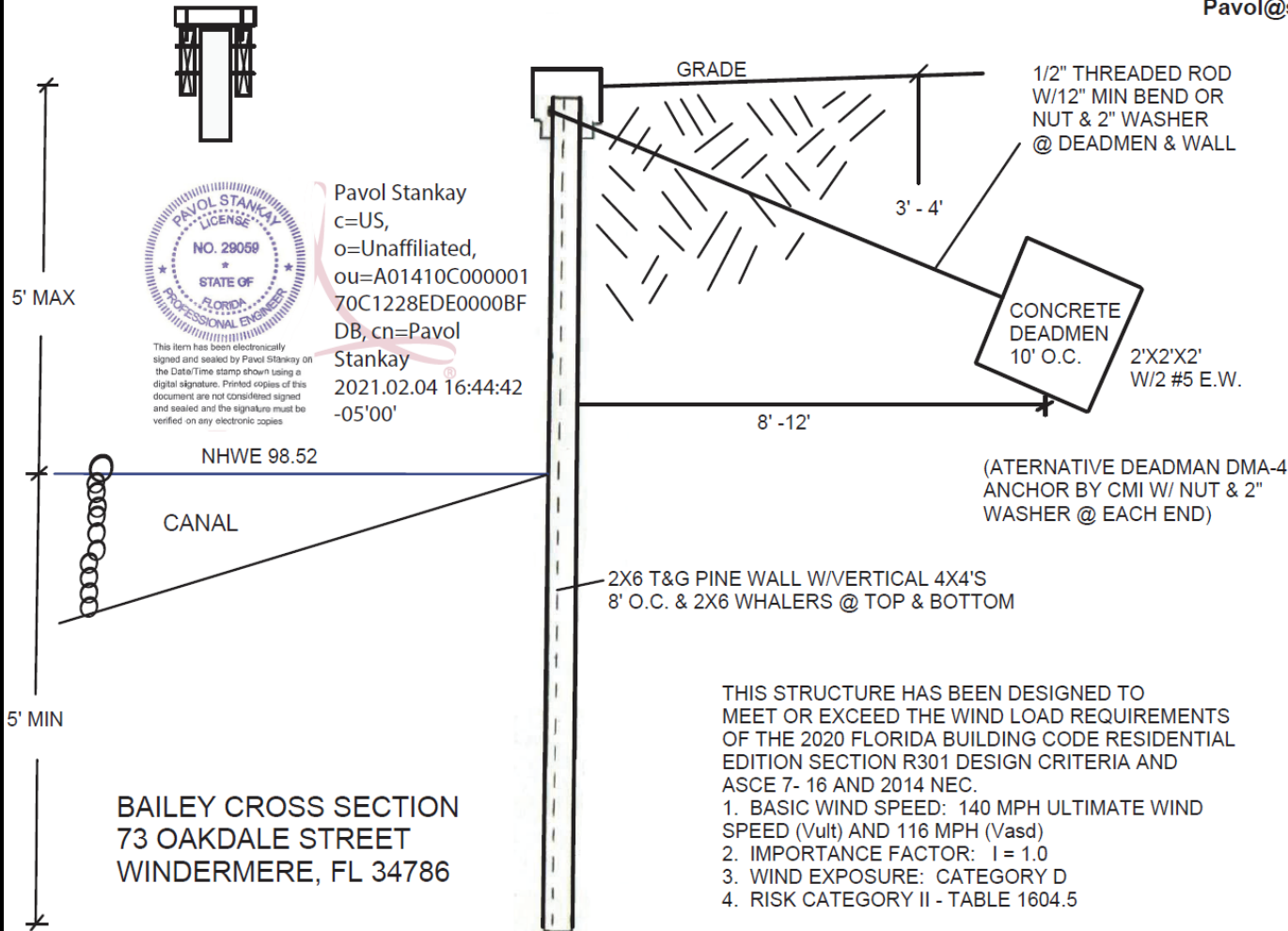
# Site Plan

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

received  
 2/4/2021

## 130' WOOD SEAWALL W/(2) 10' RETURNS INSTALLED @ THE NHWE

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



Pavol Stankay  
 c=US,  
 o=Unaffiliated,  
 ou=A01410C000001  
 70C1228EDE0000BF  
 DB, cn=Pavol  
 Stankay  
 2021.02.04 16:44:42  
 -05'00'

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

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 2014 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



## Considerations

- **Project reviewed in accordance with Chapter 33, Article IV and the review criteria and conditions of issuance therein.**
- **There are other seawalls on the canal; one on the southern adjacent property and one other on another portion of the canal.**
- **Notification of the public hearing was sent to property owners within 500 feet of the project site; no objections were received.**



## Finding

- Pursuant to Orange County Code, Chapter 33, Article IV, Environmental Protection Division (EPD) staff has evaluated the proposed SADF permit application and required documents and has made a finding that the request is consistent with Section 33-129.





## Action Requested

- **Acceptance of the findings and recommendation of the Environmental Protection Division staff and approval of Shoreline Alteration/Dredge and Fill Permit SADF-21-01-002 for Elijah and Iryna Bailey, subject to the conditions listed in the staff report.**  
**District 1**