



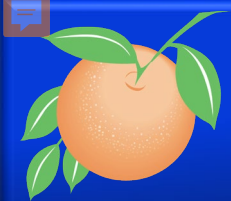
*Board of County Commissioners*

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

**SADF-23-06-018**

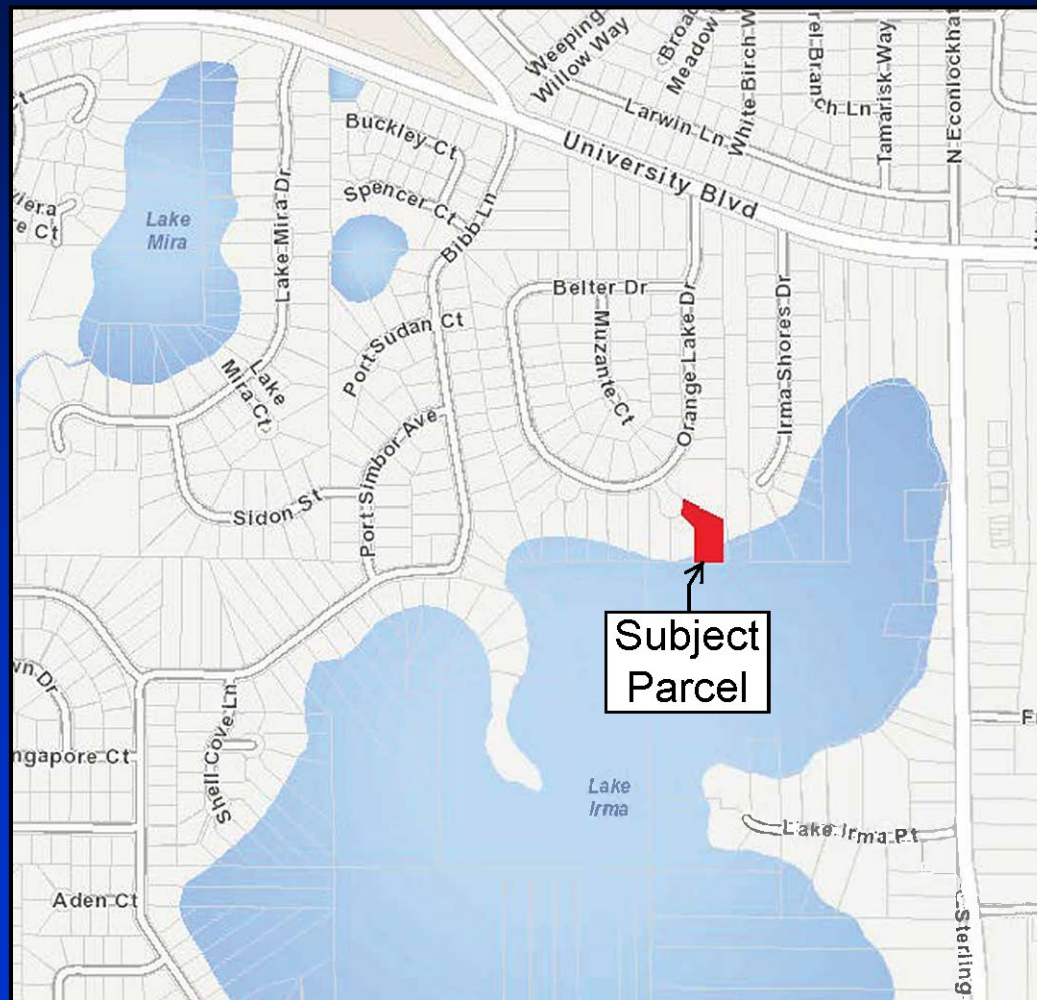
**Applicant: Anthony Daviero**

**February 20, 2024**

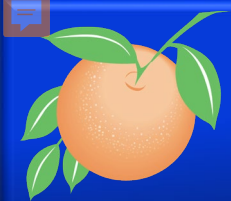


# Location Map

3911 Orange Lake Drive, Orlando



Parcel ID No.: 12-22-30-4511-00-100



# Aerial Photo

3911 Orange Lake Drive, Orlando



Parcel ID No.: 12-22-30-4511-00-100





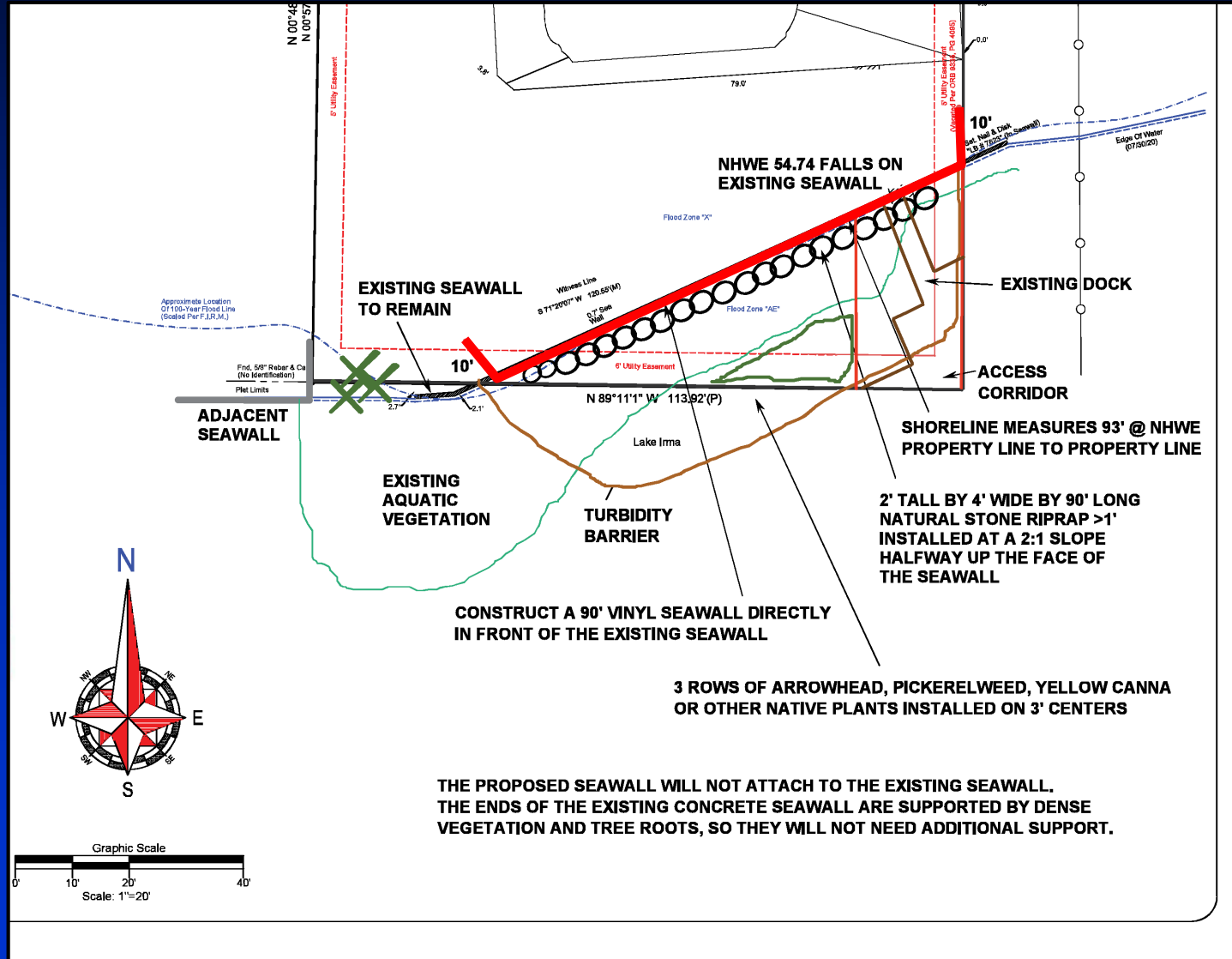
# Existing Conditions







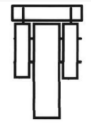
# Site Plan



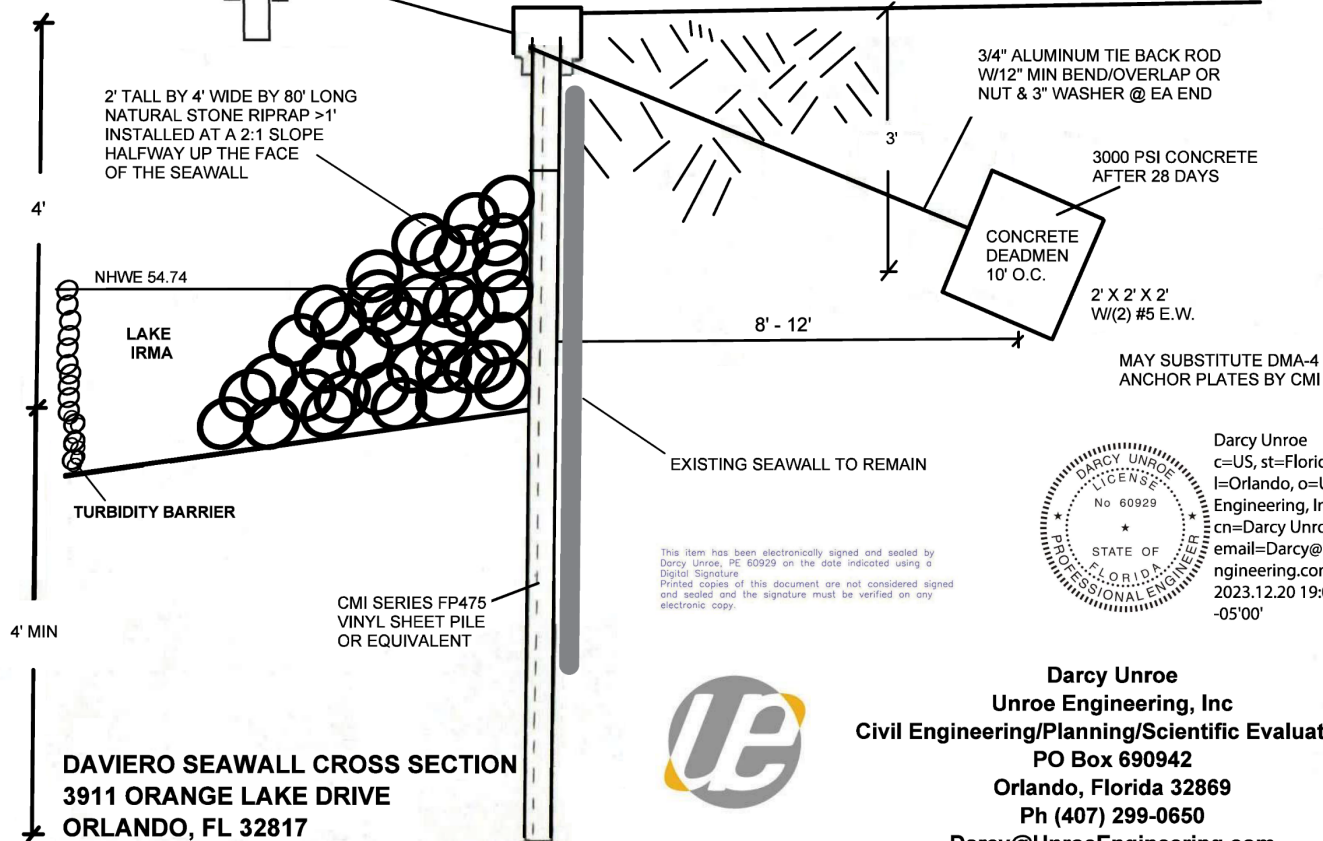


# Site Plan

**CAP DETAIL:**  
 2X6 SIDE BRACING W/(1) 1/2" BOLT  
 3' O.C. & 1X6 P.T. PINE CAP W/(2)  
 3" SCREWS 18" O.C.



**INSTALL APPROXIMATELY 90' OF VINYL SEAWALL  
 DIRECTLY IN FRONT OF THE EXISTING SEAWALL**



2' TALL BY 4' WIDE BY 80' LONG  
 NATURAL STONE RIPRAP >1'  
 INSTALLED AT A 2:1 SLOPE  
 HALFWAY UP THE FACE  
 OF THE SEAWALL

NHWE 54.74  
 LAKE  
 IRMA

TURBIDITY BARRIER

CMI SERIES FP475  
 VINYL SHEET PILE  
 OR EQUIVALENT

3/4" ALUMINUM TIE BACK ROD  
 W/12" MIN BEND/OVERLAP OR  
 NUT & 3" WASHER @ EA END

3000 PSI CONCRETE  
 AFTER 28 DAYS

CONCRETE  
 DEADMEN  
 10' O.C.

2' X 2' X 2'  
 W/(2) #5 E.W.

MAY SUBSTITUTE DMA-4  
 ANCHOR PLATES BY CMI

EXISTING SEAWALL TO REMAIN

This item has been electronically signed and sealed by  
 Darcy Unroe, PE 60929 on the date indicated using a  
 Digital Signature.  
 Printed copies of this document are not considered signed  
 and sealed and the signature must be verified on any  
 electronic copy.



Darcy Unroe  
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 Engineering, Inc.,  
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 2023.12.20 19:06:47  
 -05'00'

**DAVIERO SEAWALL CROSS SECTION**  
 3911 ORANGE LAKE DRIVE  
 ORLANDO, FL 32817



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## Considerations

- **Project reviewed in accordance with Chapter 15, Article VI, Section 15-218(d) and the review criteria and conditions of issuance therein.**
- **Notification of the public hearing was sent to property owners within 500 feet of the project site. EPD has received no objections to the request.**



## Finding

- Pursuant to Orange County Code, Chapter 15, Article VI, EPD has evaluated the proposed SADF permit application and required documents and has made a finding that the request is consistent with Section 15-218.





## Action Requested

- **Acceptance of the findings and recommendation of the Environmental Protection Division staff and approval of Shoreline Alteration/Dredge and Fill Permit SADF-23-06-018 for Anthony Daviero, subject to the conditions listed in the staff report.**  
**District 5**