Board of County Commissioners

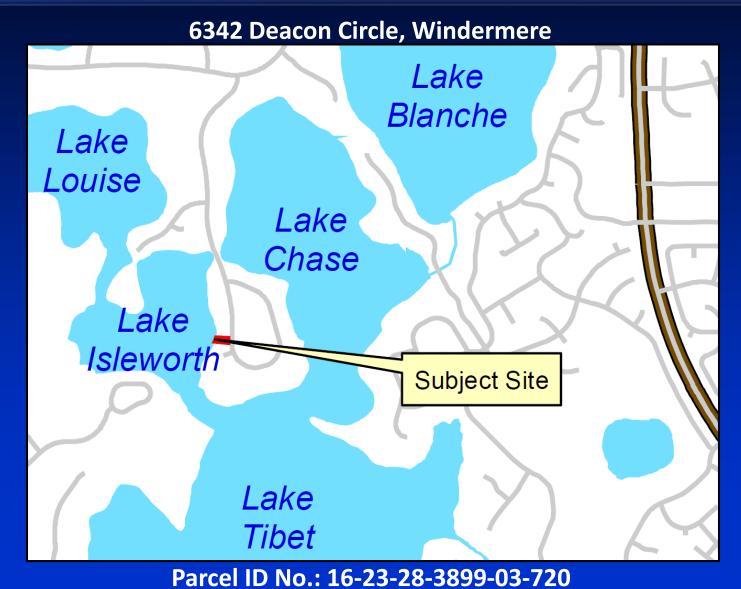
Shoreline Alteration/Dredge and Fill Permit Application

SADF-21-01-001

Applicants: Robert and Naomi Loomis

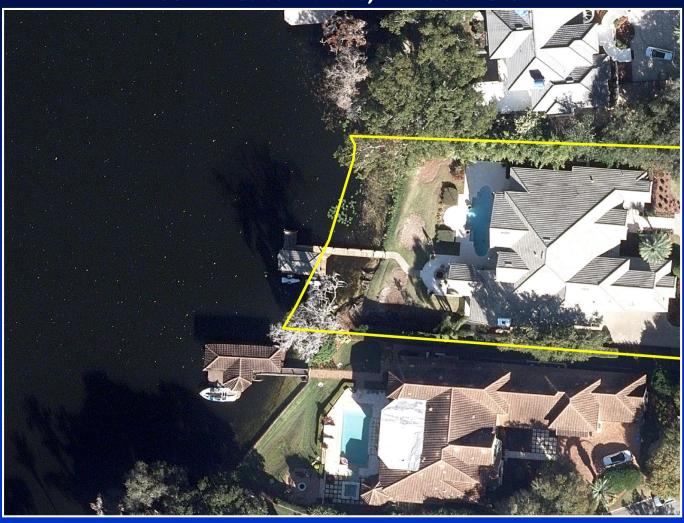
September 28, 2021







6342 Deacon Circle, Windermere



Parcel ID No.: 16-23-28-3899-03-720



Existing Conditions

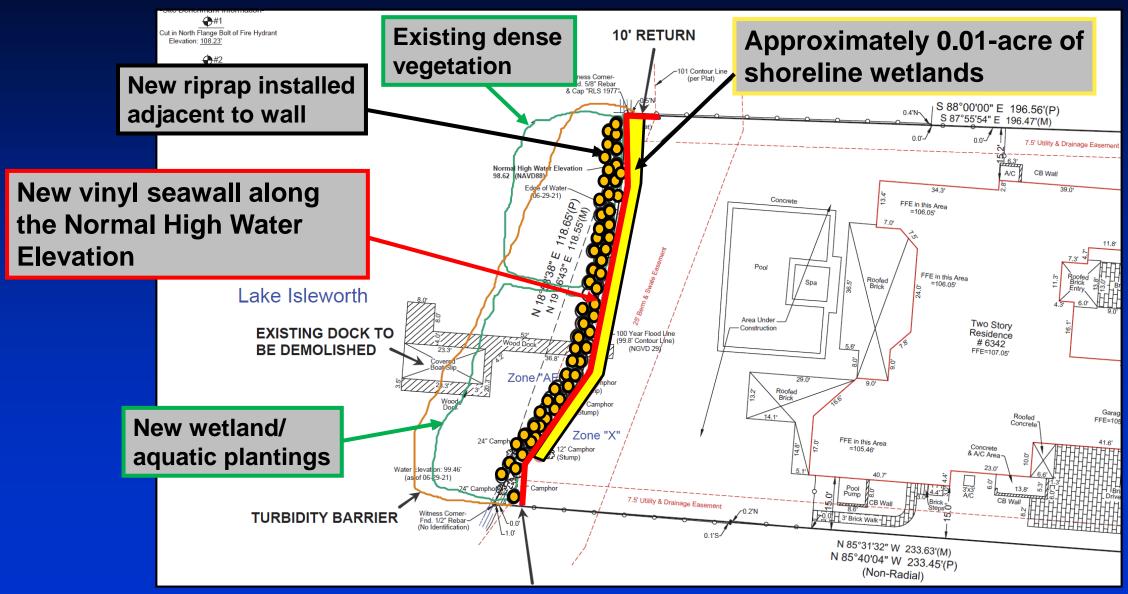




Existing Conditions









PE # 29059 2227 Mercator Drive 120' VINYL SEAWALL W/(1) 10' RETURN ON THE NORTH END Orlando, FL 32807 **received** 7/19/2021 (407) 701-2145 Pavol@segco.net 16" X 12" 3,000 PSI CONCRETE CAP W/(4) #5 HORIZONTAL REBAR 1/2" THREADED ROD W/12" MIN BEND OR NUT & 2" WASHER @ DEADMAN & WALL NATURAL STONE RIPRAP > 12" IN DIAMETER INSTALLED 3' - 4' @ A 2:1 SLOPE COVERING AT 3000 PSI CONCRETE LEAST 50% OF THE WALL FACE AFTER 28 DAYS CONCRETE DEADMAN 15' O.C. 2'X2'X2' W/2 #5 E.W. 8' -12' (ATERNATIVE DEADMAN DMA-4 ANCHOR BY CMI) LAKE ISLEWORT Pavol Stankay TURBIDITY c=US, o=Unaffiliated, BARRIER ou=A01410C00000170C1228E DE0000BFDB, cn=Pavol Stankay CMI VINYL SHEET PILE SERIES FP-475 2021.07.17 19:34:30 -04'00' THIS STRUCTURE HAS BEEN DESIGNED TO 3' MIN IN MEET OR EXCEED THE WIND LOAD REQUIREMENTS FIRM SOIL OF THE 2020 FLORIDA BUILDING CODE RESIDENTIAL EDITION SECTION R301 DESIGN CRITERIA AND ASCE 7- 16 AND 2017 NEC. LOOMIS SEAWALL 1. BASIC WIND SPEED= 140 MPH ULTIMATE WIND SPEED (Vult) AND 116 MPH (Vasd) **CROSS SECTION** 2. IMPORTANCE FACTOR: I = 1.0 6342 DEACON CIRCLE 3. WIND EXPOSURE = CATEGORY D WINDERMERE, FL 34786 4. RISK CATEGORY II - TABLE 1604.5

Pavol Stankay



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



■ Pursuant to Orange County Code, Chapter 33, Article IV, Environmental Protection Division 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.



 Acceptance of the findings and recommendation of the Environmental Protection Division staff and approval of the Shoreline Alteration/Dredge and Fill Permit SADF-21-01-001 for Robert and Naomi Loomis, subject to the conditions listed in the staff report. District 1