



Interoffice Memorandum

09-13-18A10:30 RCVD

09-13-18A10:28 RCVD

September 6, 2018

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) 836-1405

STAFF PERSON: **Elizabeth R. Johnson, CEP, Assistant Manager**
Environmental Protection Division

PHONE #: **(407) 836-1511**

SUBJECT: Request for Public Hearing on October 16, 2018, at 2:00 p.m., for a Shoreline Alteration/Dredge and Fill Permit Application (SADF-18-07-019) located at 2809 Tech Drive, on Lake Irma Canal, Parcel ID No. 13-22-30-8830-02-020

Applicant: Henry and Karilyn Tap

Type of Hearing: Shoreline Alteration/Dredge and Fill Permit Application for the construction of a replacement seawall on a canal without rip rap or plantings

Hearing required by
Florida Statute # or Code: Chapter 15, Article VI. Pumping and Dredging Control; Section 15-218(d)

Advertising requirements: Publish once in a newspaper of general circulation in Orange County at least seven (7) 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 seven (7) days prior to public hearing by the Environmental Protection Division (EPD)

Lake Advisory Board
to be notified: N/A

LEGISLATIVE FILE #

18-1200

October 16, 2018
C
2pm

September 6, 2018

Request for Public Hearing - Shoreline Alteration/Dredge and Fill Permit Application for Henry and Karilyn Tap (SADF-18-07-019)

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Municipality or other
Public Agency to be
notified:

Florida Department of Environmental Protection -
DEP_CD@dep.state.fl.us

Estimated time required

For public hearing: 2 minutes

Hearing Controversial: No

District #: 5

Materials being submitted as backup for public hearing request:

1. Location Map
2. Site Plan

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 Michelle Gonzalez of EPD. EPD will issue the decision to the applicant.

Advertising Language:

2. Henry and Karilyn Tap, Parcel ID No.: 13-22-30-8830-02-020, request to construct a replacement seawall without rip rap on Lake Irma Canal, pursuant to Chapter 15, Article VI, Pumping and Dredging Control; Section 15-218(d). District 5. (property legal description on file at EPD).

SG/NT/TMH/ERJ/DJ: mg

Attachments

c: Chris Testerman, Assistant County Administrator
Jon V. Weiss, P.E., Director, Community, Environmental and Development Services
Joel D. Prinsell, Deputy County Attorney

Shoreline Alteration/Dredge and Fill Permit



Shoreline Alteration/ Dredge and Fill Permit SADF-18-07-019

District 5

Applicants: Henry and Karilyn Tap

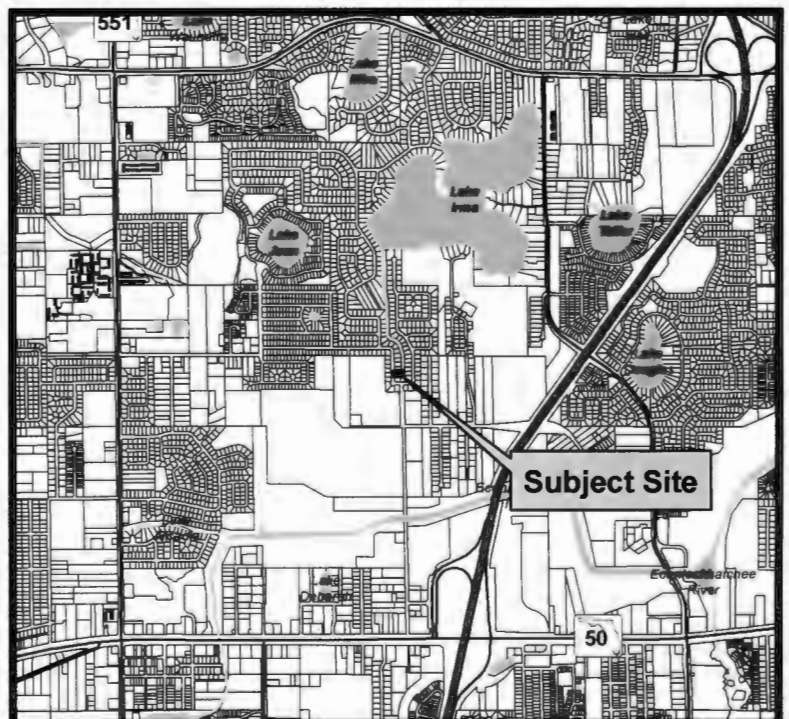
Address: 2809 Tech Dr.

Parcel ID: 13-22-30-8830-02-020

Project Site



Property Location





R.P. INC. DESIGN SERVICES
 125 S. WILSON AVE., SUITE 200
 MAI, FLA. 32751
 Phone: (407) 947-7549
 Email: RPS@RPSINCFL.COM



CEG Credit Registering Group, Inc.
CEG COA#27213
EDUARDO AYELLANEDA, P.E.
REGISTRATION# 40040
2480 E. MICHIGAN STREET
ORLANDO, FL 32806

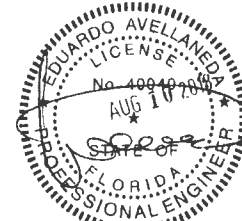
Job No. P9035	REVISIONS
Drawn By: TKP	Δ 08-09-18
Date: 07/03/18	
Scale: 1/2" = 1' 0"	

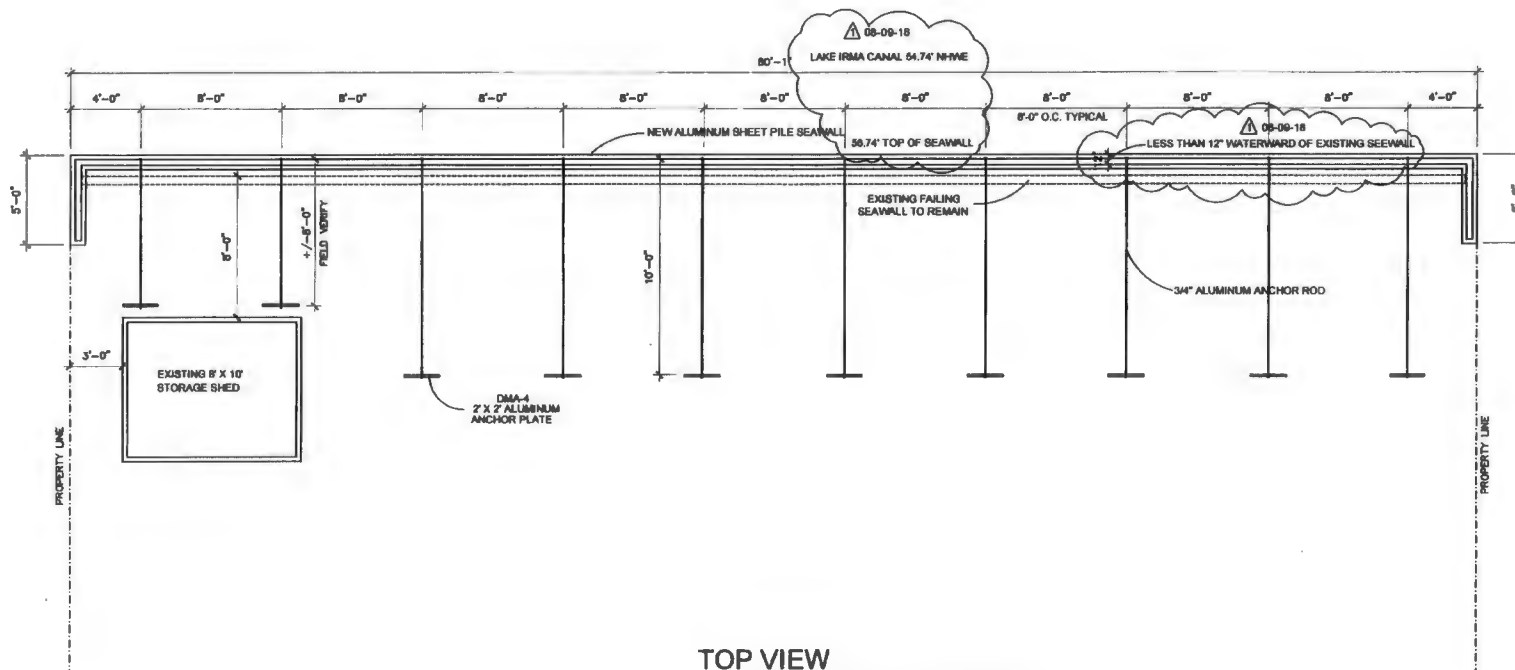
SEAWALL
CROSS SECTION

A1

SEAWALL CROSS SECTION

CEC COA#27213
EDUARDO AVELLANEDA, P.E.
REGISTRATION #40040
2480 E MICHIGAN STREET
ORLANDO, FL 32806





TOP VIEW

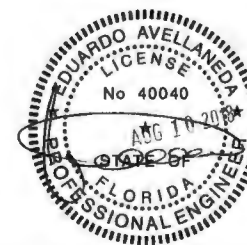
DESIGN REQUIREMENTS:

- A. FLOORS LIVE LOAD IS 40 PSF, BALCONIES, DECKS, STAIRS, LIVE LOAD IS 60 PSF
B. ROOF LIVE LOAD IS 30 PSF

NOTE: THIS STRUCTURE HAS BEEN DESIGNED TO MEET OR EXCEED REQUIREMENTS OF THE FLORIDA BUILDING CODE 6th EDITION RESIDENTIAL (2017) PER ASCE 7-10

1. NOMINAL WIND SPEED - 100MPH ULTIMATE WIND SPEED - 140MPH
2. RISK FACTOR II
3. WIND EXPOSURE - CATEGORY (D)
4. INTERNAL PRESSURE COEFFICIENT - (ASCE 7-10)
OPEN BUILDINGS= 0.00
HEIGHT AND EXPOSURE ADJUSTMENT COEF - (+1.0)
5. COMPONENTS AND CLADDING - PER FBCR 6th EDITION 2017

sheet pile wall panels, AWL - 100 1' foot wide each.
wall capping beam CSL 2" x 25'
Anchor rods, 3/4" x 10' Aluminum
Deadman Anchor plates #422 2' x 2' Aluminum



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REGISTRATION #40040
2480 E. MICHIGAN STREET
ORLANDO, FL 32808



Jonathon McGrath Construction
Hoover Residence Opening Alteration
503 Avem Ct. Altamonte Springs, Fl



Job No.	REVISIONS
P9033	1
Drawn By	RP
Date:	07/03/18
Scale:	N.T.S.

TOP VIEW
ANCHOR
LAYOUT

A2