



Interoffice Memorandum


18-12-13 :54

02-12-18A10:44 RCVD

February 8, 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 March 20, 2018, at 2:00 p.m., for a Shoreline Alteration/Dredge and Fill Permit Application (SADF-17-11-020) located at 1920 Lakeside Drive, on Lake Rowena, Parcel ID No. 18-22-30-5596-01-360

Applicant: Ryan and Mitzy McKenzie.

Type of Hearing: Shoreline Alteration/Dredge and Fill Permit Application to construct a new seawall with rip rap.

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 # 18-179

March 20, 2018 @ 2pm

February 8, 2018

Request for Public Hearing—Shoreline Alteration/Dredge and Fill Permit Application for Ryan and Mitzy McKenzie (SADF-17-11-020)

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Municipality or other  
Public Agency to be  
notified:

Florida Department of Environmental Protection –  
[Nathan.Hess@dep.state.fl.us](mailto:Nathan.Hess@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. Ryan and Mitzy McKenzie, Parcel ID: 18-22-30-5596-01-360, Request to construct a seawall with rip rap on Lake Rowena, pursuant to Chapter 15, Article VI. Pumping and Dredging Control; Section 15-218(d). District 5. Legal Description on file at EPD.

JS/NT/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



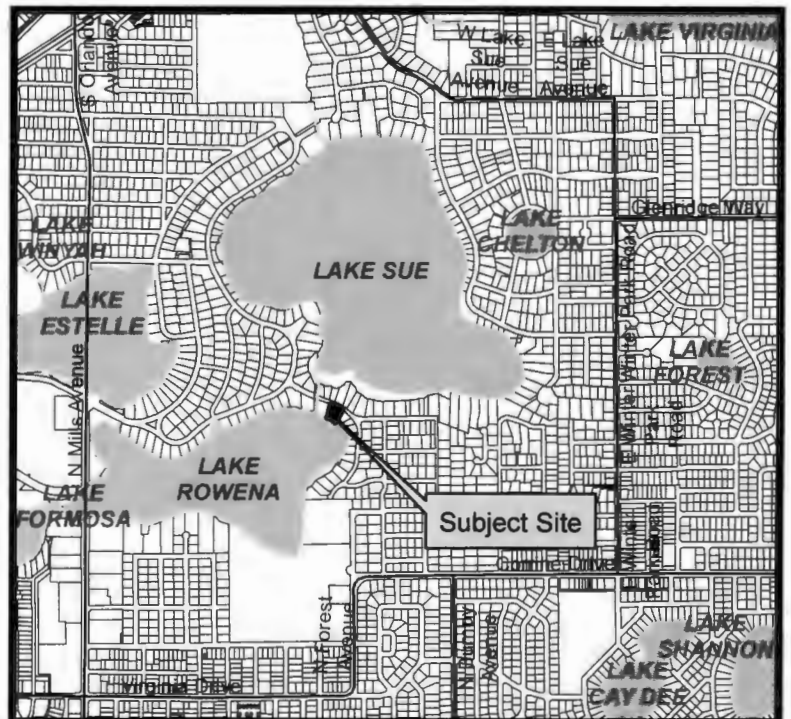
**Shoreline Alteration/Dredge and Fill Permit**  
**SADF-17-11-020**  
**District #5**

**Applicant:** Ryan and Mitzy McKenzie  
**Address:** 1920 Lakeside Drive  
**Parcel ID:** 18-22-30-5596-01-360

**Project Site**



**Property Location**



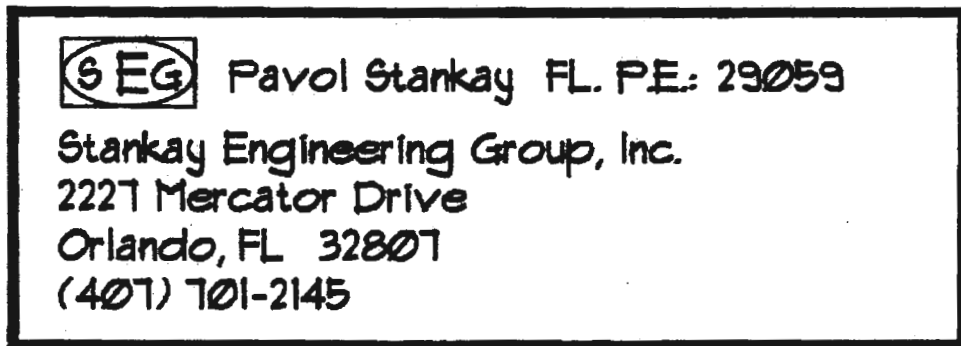
# SEAWALL PLANS

MCKENZIE RESIDENCE  
1920 LAKESIDE DRIVE, ORLANDO

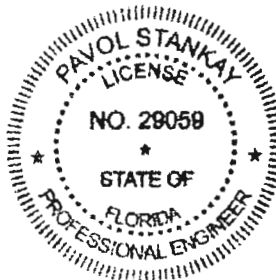
Prepared For

**LAKE FRONT CONTRACTORS, INC.**  
VIA  
**STREAMLINE PERMITTING, INC.**

Prepared By



DECEMBER 2017



This item has been electronically signed and sealed by Pavol Stankay using a Digital Signature and date. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Digitally signed by Pavol Stankay

DN: c=US, o=IdenTrust ACES

Unaffiliated Individual,

cn=Pavol Stankay,

0.9.2342.19200300.100.1.1=A0

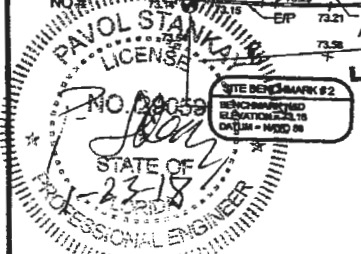
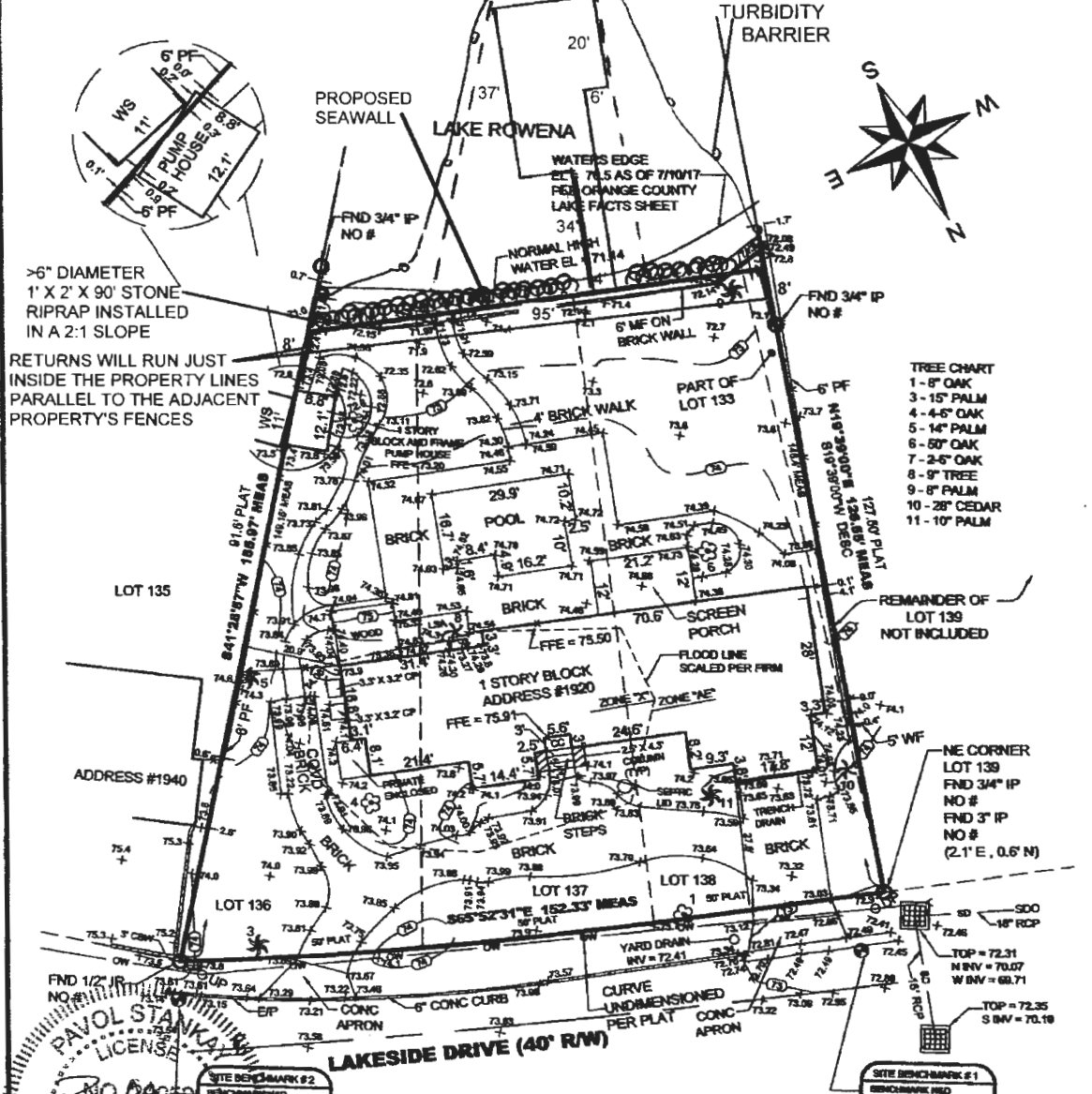
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Date: 2017.12.06 03:30:17 Z

# PLAT OF SURVEY DESCRIPTION

LOTS 136, 137, AND 138, AND THAT PART OF LOT 139 LYING EAST OF A LINE RUNNING SOUTH 19°39' WEST FROM THE NORTHEAST CORNER OF LOT 139 TO LAKE ROWENA, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK J, AT FERRITT PARK, ACCORDING TO THE PLAT RECORDS OF ORANGE COUNTY PROPERTY.



**MCKENZIE SITE PLAN**  
1920 LAKESIDE DRIVE  
ORLANDO, FL 32803

JOB #47270  
CFPOCJ-64-LOTS136-138  
FIELD DATE: 7-13-17  
SCALE: 1" = 30'  
DRAWN BY: SNH

BOUNDARY & TOPOGRAPHIC SURVEY CERTIFIED TO: ELEMENT  
HOME BUILDERS, INC.

REVISIONS



**ACCURIGHT**

ACCURIGHT SURVEYS  
OF ORLANDO INC., LB 4475  
2012 E. Robinson Street Orlando, Florida 32803  
www.AccurightSurveys.net  
ACCU@AccurightSurveys.net  
PHONE: (407) 894-6314 FAX: (407) 897-3777

XXXXXXXXXXXX

**JAMES D. BRAY PSM 6507**  
NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF THIS FLORIDA LICENSED SURVEYOR AND MAPPER.

**NOTES:**

- BEARING STRUCTURE IS ASSUMED AND BASED ON THE MONUMENTED WEST LOT LINE OF LOT 138 BEING S15°39'00"W.
- THIS BUILDING LOT LIES IN ZONE "X" AND "AE", BASED ON FLOOD INSURANCE RATE MAP NO. 12098C025F, COMMUNITY NO. 120179, ORANGE COUNTY, FLORIDA, EFFECTIVE SEPTEMBER 23, 2009.
- THIS SURVEY REFLECTS ONLY MATTERS OF RECORD AS PROVIDED BY CLIENT.
- UNDERGROUND IMPROVEMENTS HAVE NOT BEEN LOCATED.
- BUILDING TIES SHOWN ON THIS SURVEY SHOULD NOT BE USED TO RECONSTRUCT PROPERTY LINES.
- THIS SURVEY IS VALID ONLY FOR THE PARTIES TO WHOM IT IS CERTIFIED.
- THIS SURVEY EXCEEDS THE ACCURACY REQUIREMENTS SET FORTH IN FLORIDA STATUTES.
- ELEVATIONS BASED ON ORANGE COUNTY BENCHMARK #LB48-012 HAVING AN ELEVATION OF 78.691 FEET, (MVD 88).

LEGEND	
CC - CABLE TV RISER	CP - CONCRETE PAD
CL - CENTERLINE	CPW - CONCRETE PAD WALKWAY
CO - CLEAN OUT	CA - CENTRAL ANGLE
CBW - CONCRETE BLOCK WALL	CS - DESCRIBED & MEASURED
CC - COVERED CONCRETE	DE - DRAINAGE EASEMENT
CLF - CHAIN LINK FENCE	DESC - DESCRIPTION
CM - CONCRETE MONUMENT	DM - DOT MARKHOLE
CONC - CONCRETE	DRW - DRIVEWAY
CONC - CONCRETE	EP - EDGE OF PAVEMENT
CP - CONCRETE PAD	EB - ELECTRIC BOX
CPW - CONCRETE PAD WALKWAY	EM - ELEVATION
CA - CENTRAL ANGLE	ESMT - EASEMENT
CS - DESCRIBED & MEASURED	FFE - FINISHED FLOOR ELEVATION
DE - DRAINAGE EASEMENT	FFH - FIRE HYDRANT
DESC - DESCRIPTION	FRM - FLOOD INSURANCE RATE MAP
DM - DOT MARKHOLE	FND - FOUND
DRW - DRIVEWAY	GA - GUY WIRE ANCHOR
EP - EDGE OF PAVEMENT	GR - IRON PIPE
EB - ELECTRIC BOX	HR - IRON ROD
EM - ELEVATION	LF - FENCE LINE
ESMT - EASEMENT	LB - LICENSED BUSINESS
FFE - FINISHED FLOOR ELEVATION	LP - LICENSED SURVEYOR
FFH - FIRE HYDRANT	LSA - LANDSCAPE AREA
FRM - FLOOD INSURANCE RATE MAP	MEAS - MEASURED
FND - FOUND	MF - METAL FENCE
GA - GUY WIRE ANCHOR	MS - METAL SHED
GR - IRON PIPE	MND - NORTH AMERICAN
HR - IRON ROD	VD - VERTICAL DATUM
LF - FENCE LINE	NGVD - NATIONAL GEODETIC
LB - LICENSED BUSINESS	N&D - NAIL & DISK
LP - LICENSED SURVEYOR	OW - OVERHEAD WIRE
LSA - LANDSCAPE AREA	OR - OFFICIAL RECORDS BOOK
MEAS - MEASURED	PM - PLAT & MEASURED
MF - METAL FENCE	PT - POINT OF CURVATURE
MS - METAL SHED	PC - POINT OF BEGINNING
MND - NORTH AMERICAN	R - RADIUS
VD - VERTICAL DATUM	RCP - REINFORCED CONCRETE PIPE
NGVD - NATIONAL GEODETIC	R/W - RIGHT OF WAY
N&D - NAIL & DISK	SD - SHOWS DIRECTION ONLY
OW - OVERHEAD WIRE	SDO - STORM DRAIN LINE
OR - OFFICIAL RECORDS BOOK	TYP - TYPICAL
PM - PLAT & MEASURED	UT - UTILITY TIE
PT - POINT OF CURVATURE	UP - UTILITY POLE
PC - POINT OF BEGINNING	W - WATER METER
R - RADIUS	WV - WATER VALVE
RCP - REINFORCED CONCRETE PIPE	WF - WOOD FENCE
R/W - RIGHT OF WAY	WS - WOOD SHED
SD - SHOWS DIRECTION ONLY	
SDO - STORM DRAIN LINE	
TYP - TYPICAL	
UT - UTILITY TIE	
UP - UTILITY POLE	
W - WATER METER	
WV - WATER VALVE	
WF - WOOD FENCE	
WS - WOOD SHED	

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



12" X 10" 3000 PSI CONCRETE  
 CAP W/2 #5 HORIZONTAL REBAR

**Pavol Stankay, P.E.**

# 29059  
 2227 Mercator Drive  
 Orlando, FL 32807  
 Pavol@SEGco.net  
 (408) 701-2145

Digitally signed by Pavol Stankay  
 DN: c=US, o=IdenTrust ACES Unaffiliated Individual, cn=Pavol Stankay,  
 0.9.2342.19200300.100.1.1=A01098000000152B30E723600008C0D  
 Date: 2017.12.06 03:32:08 Z



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1/2" THREADED ROD W/12" MIN BEND @ DEADMEN AND NUT & 2" WASHER @ WALL

3000 PSI CONCRETE AFTER 28 DAYS

CONCRETE DEADMEN 15' O.C.

2'X2'X2' W/2 #5 E.W.

(ALTERNATIVE DEADMAN DMA-4 ANCHOR BY CMI)

CMI VINYL SHEET PILE SERIES 325 OR FP-475 OR 2X6 V-JOINT PINE

THIS STRUCTURE HAS BEEN DESIGNED TO MEET OR EXCEED THE WIND LOAD REQUIREMENTS OF THE 2014 FLORIDA BUILDING CODE RESIDENTIAL EDITION SECTION R301 DESIGN CRITERIA AND ASCE 7- 10 AND 2011 NEC.

1. BASIC WIND SPEED= 140 MPH ULTIMATE WIND SPEED (Vult) AND 116 MPH (Vasd)
2. CONSTRUCTION TYPE = SINGLE FAMILY RESIDENCE
3. WIND EXPOSURE = CATEGORY D
4. RISK CATEGORY II - TABLE 1604.5

29"

CURRENT WATER ELEVATION 70.76

NHWE 71.14

LAKE ROWENA

TURBIDITY BARRIER

1' HIGH BY 2' WIDE RIPRAP >6" INSTALLED @ 2:1 SLOPE

4' MIN IN FIRM SOIL

MCKENZIE SEAWALL CROSS SECTION  
 1920 LAKESIDE DRIVE  
 ORLANDO, FL 32803

