



Interoffice Memorandum

09-25-17A10:13 RCVD

September 15, 2017

09-25-17A10:04 RCVD

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, Environmental Programs Administrator  
Environmental Protection Division

PHONE #: 407-836-1511

SUBJECT: Request for Public Hearing on October <sup>31<sup>st</sup></sup> 2017, at 2:00 p.m. for  
Shoreline Alteration/Dredge and Fill Permit Application SADF-17-08-012  
to replace an existing seawall on the shoreline located at 7204 Seminole  
Drive, on Lake Conway, Parcel ID No. 29-23-30-4389-04-020, District 3

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Applicant: Heather Stephenson.

Type of Hearing: Shoreline Alteration/Dredge and Fill Permit Application to replace  
an existing seawall.

Hearing required by  
Florida Statute # or Code: Chapter 33, Article II. Lake Conway Water and Navigation  
Control District; Section 33-37(d)

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

Lake Advisory Board  
to be notified: Lake Conway Water and Navigation Control District, Rabon  
Vause (Chairman) - [rvause@cfl.rr.com](mailto:rvause@cfl.rr.com)

LEGISLATIVE FILE # 17-1295

October 31, 2017 @  
2pm

September 15, 2017

Request for Public Hearing – Shoreline Alteration/Dredge and Fill Permit Application for

Heather Stephenson

Page 2

Estimated time required  
for public hearing: 2 minutes.

Hearing Controversial: No.

Municipality or other  
Public Agency to be  
notified:

Florida Department of Environmental Protection -  
Nathan.Hess@dep.state.fl.us  
City of Belle Isle, 1600 Nela Avenue, Belle Isle, FL 32809 –  
bfrancis@belleislefl.gov

District #: 3.

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 with EPD. EPD will issue the decision to the applicant.

Advertising Language:

2. Heather Stephenson, Parcel ID No. 29-23-30-4389-04-020, request to replace an existing seawall pursuant to Chapter 33, Section 33-37. Lake Conway. District 3. (property legal description on file)

JR/NT/ERJ/DJ: mg

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 Request



## Shoreline Alteration/Dredge and Fill Permit Request

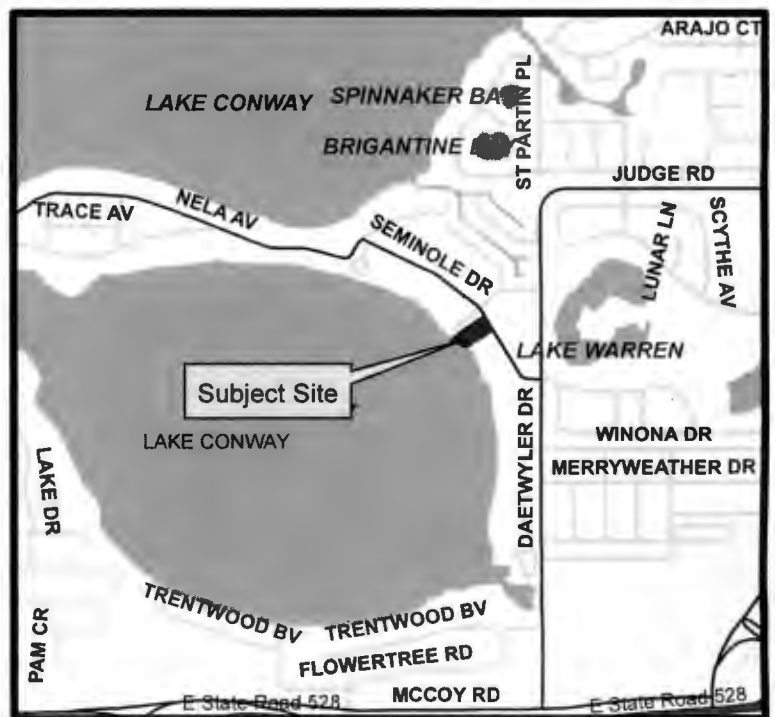
District #3

**Applicant:** Heather Stephenson

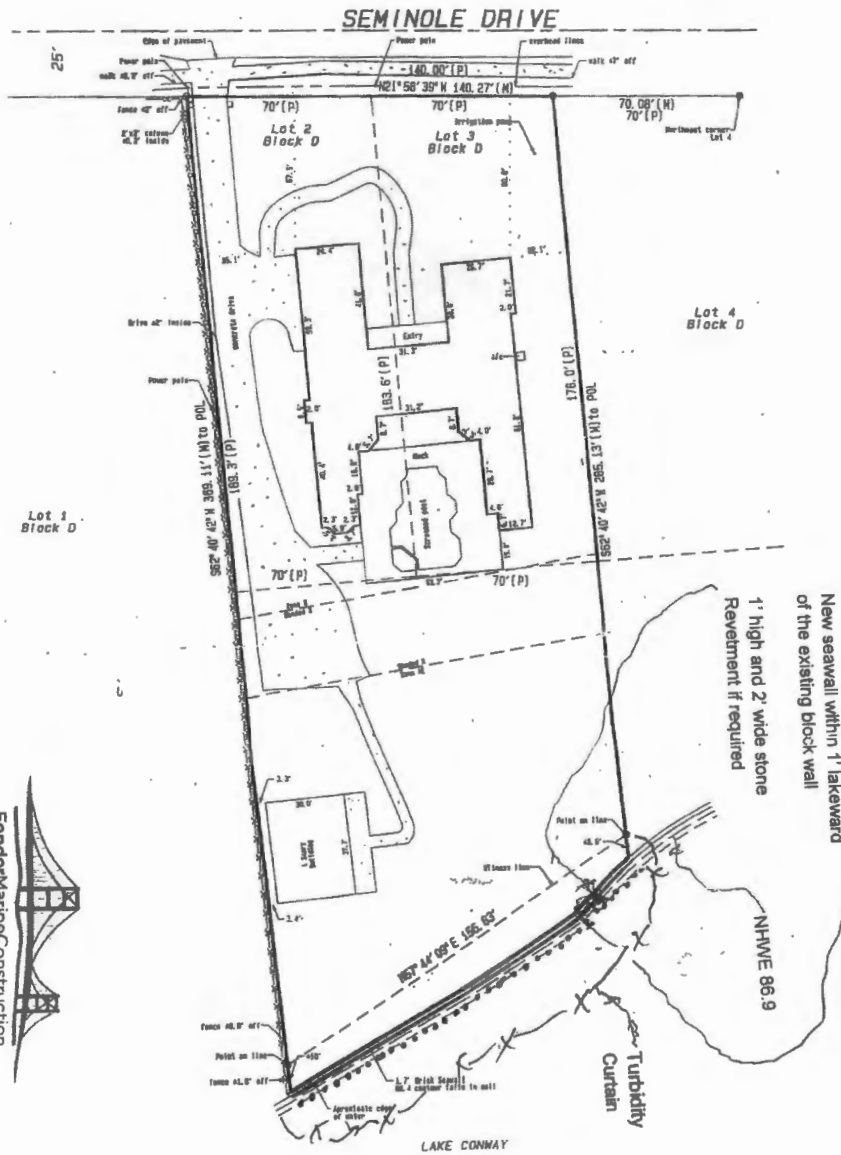
**Parcel ID:** 29-23-30-4389-04-020

**Project Site** 

**Property Location** 



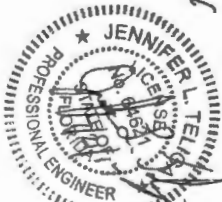
Lots 2 and 3 Block D, and Land on West  
to the BS.4 Contour LAKE CONWAY PARK  
Plat Book 6, Page 138,  
Orange County, Florida



FenderMarineConstruction

FenderMarineConstruction.com  
P. 407.481.2750  
Florida State Certified Marine Contractor SCC 13150688

1201 West Jackson Street  
Orlando, FL 32805  
F. 407.481.9850



Stephenson Seawall  
Jennifer L. Teliga,  
1534 Rider Hollow Lane  
Clermont, FL 34711  
321-662-7503

Site Plan for Stephenson Residence Seawall  
Scale = 1/10" = 4.5' 7204 Seminole Drive Belle Isle, FL 32812

Note: This is not a survey. This drawing is for reference only.

0CEPD JUN 28 2017 4M 11:0



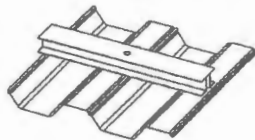
Crane Materials International

## ShoreGuard® Accessories DMA-4 Anchor Specification

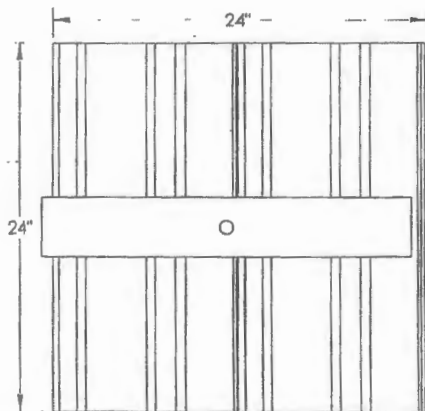
www.cmlengineer.com (866) 867-3762

### DMA-4 Anchor

Drawn: JAB Date: 06/18/09

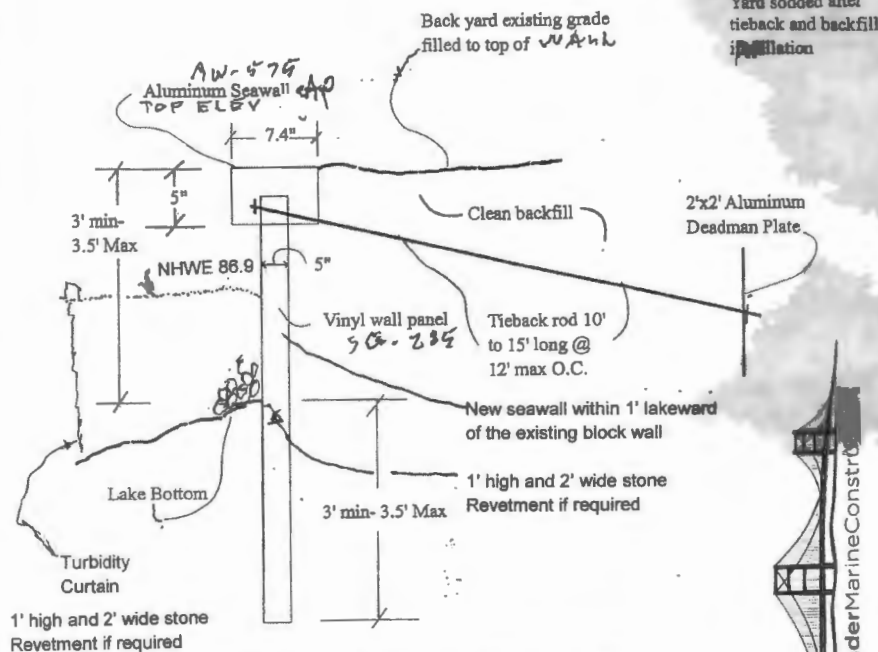


Bearing Area	4 ft <sup>2</sup>	
Longitudinal (Sheet) Max Allowable Bending Moment	1,800 ft-lb	2,440 N-m
Transverse (Beam) Max Allowable Bending Moment	2,204 ft-lb	2,988 N-m
Max Allowable Rod Load	10,295 lbs	45,794 N
Material/Features	6061-T6 Aluminum; Fully Welded	
Tie Rod Compatibility	3/4" Aluminum Rod	



Physical properties are defined by ASTM testing standards. The Aluminum Association is not responsible for the design of the anchor. No information is provided in this document is believed to be true and accurate. No information is provided in this document is believed to be true and accurate. No information is provided in this document is believed to be true and accurate. No information is provided in this document is believed to be true and accurate.

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4501 Circle 75 Parkway, Suite E-5370 Atlanta, GA 30339 USA Phone 866-867-3762 INTL 00 1-770-933-8166 Fax 770-933-8363



Seawall Section for Stephenson Residence  
Not to scale 7204 Seminole Drive Belle Isle, FL 32812

#### Structural Notes

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

Basic Wind Speed 140 MPH Ultimate wind speed (VULT) and 118 MPH (VASD)

Construction Type = Single Family Residential

Risk Category II- Table 1604.5

Wind Exposure - Category D

The Aluminum Association, Latest Edition ASCE 7-10

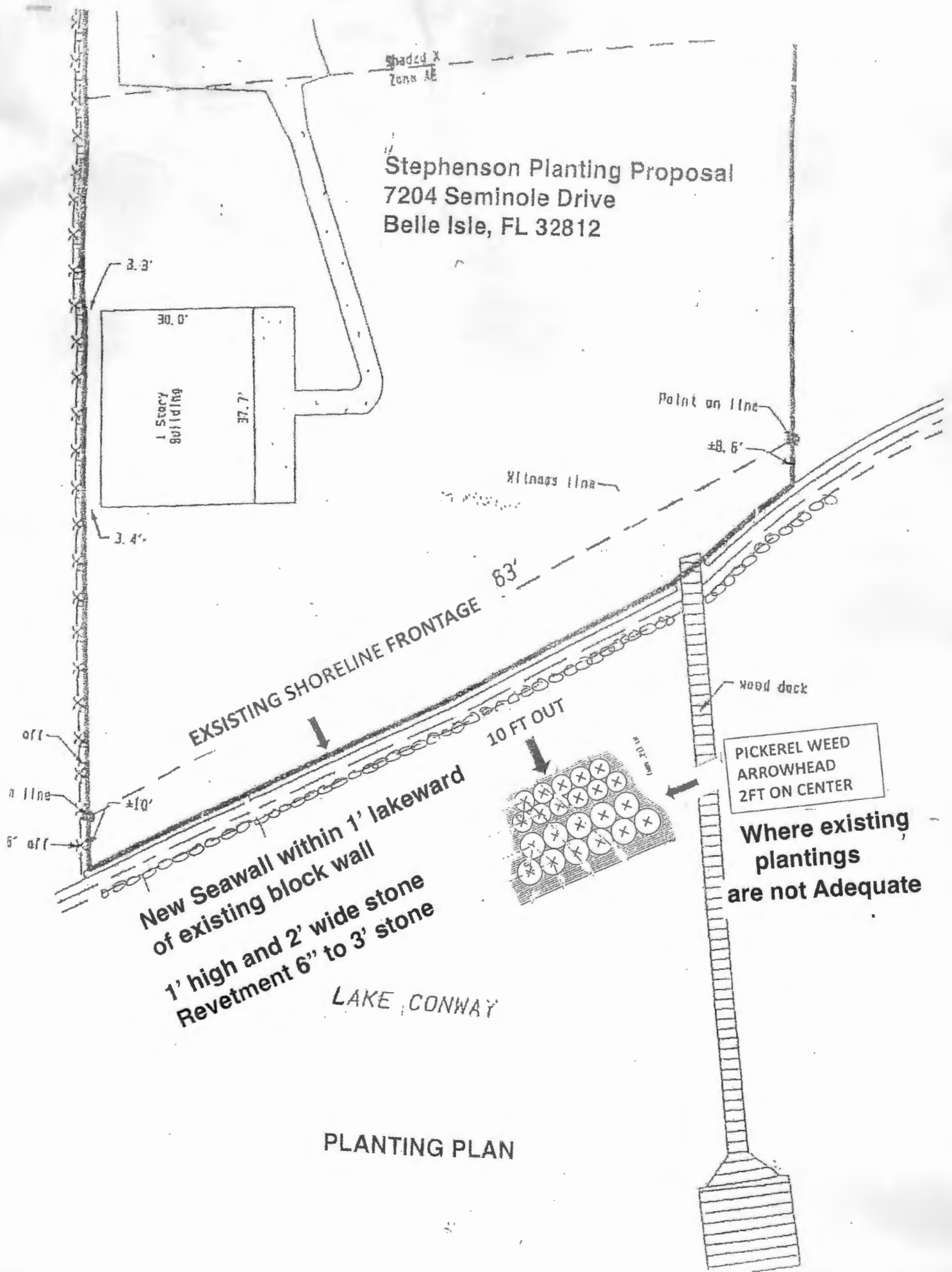
#### Stephenson Seawall

Jennifer L. Teliga,  
PE # 64621 11534 Briar Hollow Lane  
Clermont, FL 34711  
321-662-7503



00EPD JUL 28 2017 11:10

Stephenson Planting Proposal  
7204 Seminole Drive  
Belle Isle, FL 32812



New Seawall within 1' lakeward  
of existing block wall  
1' high and 2' wide stone  
Revetment 6" to 3' stone

LAKE CONWAY

PLANTING PLAN

PICKEREL WEED  
ARROWHEAD  
2FT ON CENTER

Where existing  
plantings  
are not Adequate