



Interoffice Memorandum
COMMUNITY, ENVIRONMENTAL AND DEVELOPMENT SERVICES


June 29, 2016

07-07-16P12:58 RCVD 

TO: Katie Smith, Manager
Comptroller Clerk's Office

07-07-16P01:08 RCVD

THROUGH: Cheryl Gillespie, Agenda Development Supervisor
Agenda Development

FROM: Lori Cunniff, CEP, CHMM, Deputy Director
Community, Environmental and Development
Services Department 

STAFF PERSON: Elizabeth R. Johnson, Environmental Programs Administrator
Environmental Protection Division

PHONE #: 407-836-1511

SUBJECT: Request for Public Hearing on August 2, 2016, at 2:00 p.m. for a Shoreline Alteration/Dredge and Fill Permit Application located at 9206 Island Lake Court, Little Fish Lake Canal; Parcel ID # is 09-24-28-8935-00-250

Applicant: Jose Vargas

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

Hearing required by Florida Statute # or Code: Chapter 33, Article IV. Windermere Water and Navigation Control District; Section 33-129(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: Butler Chain of Lakes Advisory Board – annconnolly@msn.com

June 27, 2016

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

Page 2 of 2

Municipality or other
Public Agency to be
notified:

South Florida Water Management District - Jthomson@sfwmd.gov

Estimated time required
For public hearing:

2 minutes.

Hearing Controversial:

No.

District #:

1.

Materials being submitted as backup for public hearing request:

1. Location Map
2. Site Plans

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. Jose Vargas, Parcel ID# 09-24-28-8935-00-250; Request to re-construct an existing seawall, pursuant to Chapter 33, Section 33-129(d). Little Fish Lake Canal. District 1. (property legal description on file)

JS/NT/ERJ/LC:

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

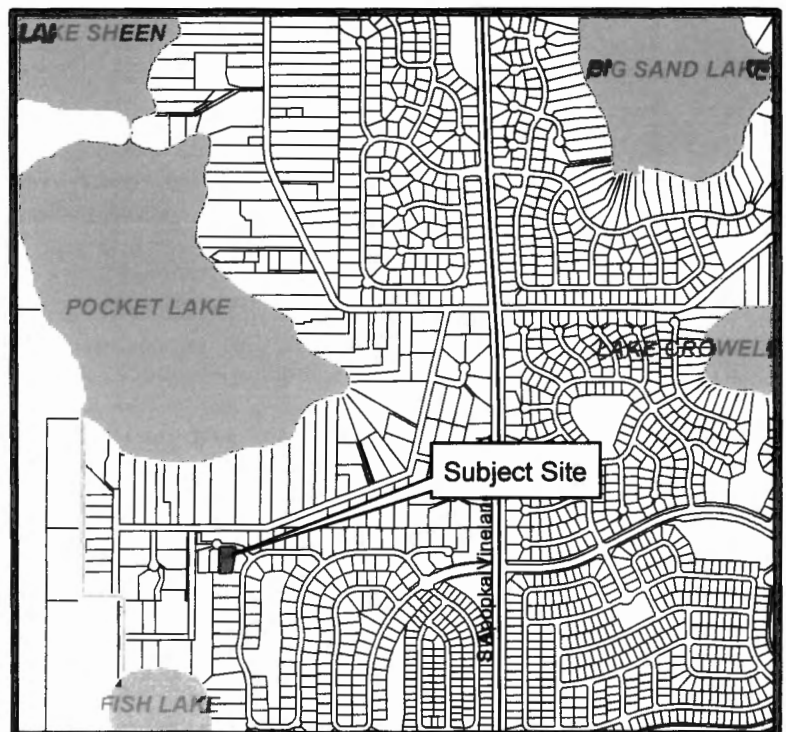
District #1

Applicant: Jose Vargas

Parcel IDs: 09-24-28-8935-00-250

Project Site 

Property Location 



SPECIFIC PURPOSE SURVEY

DESCRIPTION

LOT 25, WATER'S EDGE AND BOCA PONTE AT TURTLE CREEK, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 36, PAGES 49 THROUGH 52, OF THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA.

SURVEYORS NOTES:

1. NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.
2. LANDS SHOWN HEREON WERE NOT ABSTRACTED FOR RIGHTS OF WAY, EASEMENTS, OWNERSHIP, OR OTHER INSTRUMENTS OF RECORD, BY THIS FIRM.
3. REVISIONS DO NOT CONSTITUTE A RECERTIFICATION OF THE EXISTING FIELD CONDITIONS OF THIS SURVEY.
4. BEARINGS SHOWN HEREON ARE BASED ON THE FOLLOWING: THE WEST LINE OF LOT 26 AS S00°18'26"E (ASSUMED).
5. THE DESCRIPTION SHOWN HEREON WAS SUPPLIED BY THE CLIENT.
6. UNDERGROUND IMPROVEMENTS AND INSTALLATIONS HAVE NOT BEEN LOCATED.
7. THIS IS NOT A BOUNDARY SURVEY.
8. THE ELEVATIONS SHOWN HEREON ARE BASED ON ORANGE COUNTY DATUM PER BENCH MARK NUMBER S1148014, ELEVATION = 109.57 (NAVD 1988)
9. SITE BENCH MARK AS SHOWN HEREON.
10. NORMAL HIGH WATER ELEVATION = 98.6 AND THE 100 YEAR FLOOD ELEVATION = 100.7.
11. THE ELECTRONIC FILE FOR THIS PROJECT IS THE PROPERTY OF BISHMAN SURVEYING AND MAPPING, INC. AND IS NOT THE PROPERTY OF THE CLIENT.

JOB NUMBER: 16030.000

SURVEY DATE: 03/30/16

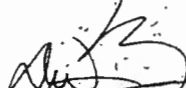
FIELD BY: T. CONARD

FIELD BOOK: 1603

PAGES: 14

FIELD FILE: 16030.MJF

DRAWING FILE: 16030.DWG



DONALD W. BISHMAN, P.S.M., FLORIDA REGISTRATION NO. 4215



CERTIFICATE OF AUTHORIZATION LB 7274

32 W. PLANT STREET Phone No. 407.905.8877
WINTER GARDEN, FL 34787 Fax No. 407.905.8875

SPECIFIC PURPOSE SURVEY

ISLAND LAKE COURT

Δ=5'43"12"
 R=150.00'
 L=14.97'
 CB=N88°14'16"W
 CH=14.97'

25.0'
 S88°54'08"W 108.41'



24

26

S00°18'26"E 211.86'

15' DRAINAGE EASEMENT

EXISTING HOUSE
(NOT LOCATED)

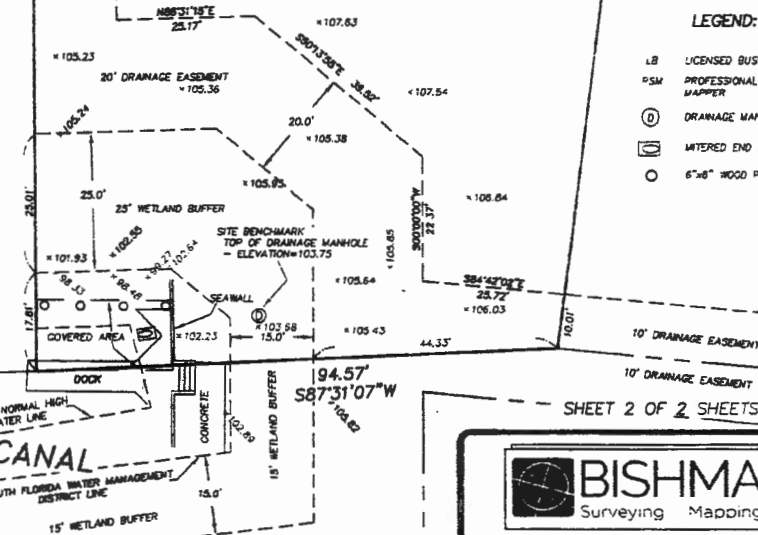
S07°32'40"W 211.21'

25

LEGEND:

- LB LICENSED BUSINESS
- PSM PROFESSIONAL SURVEYOR & MAPPER
- ⊙ DRAINAGE MANHOLE
- ▭ WATERED END SECTION
- 6"x6" WOOD POLE

SCALE: 1"=20'



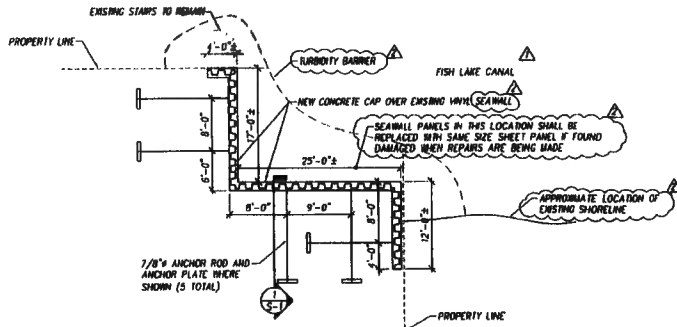
FISH LAKE CANAL

SHEET 2 OF 2 SHEETS

JOB NUMBER: 16030.000
 DRAWING FILE: 16030.DWG

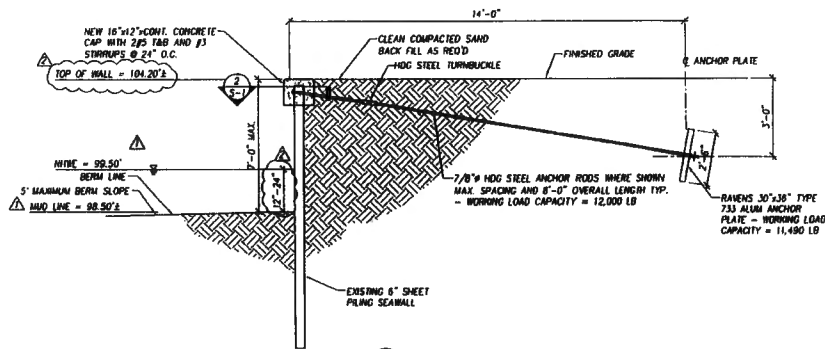


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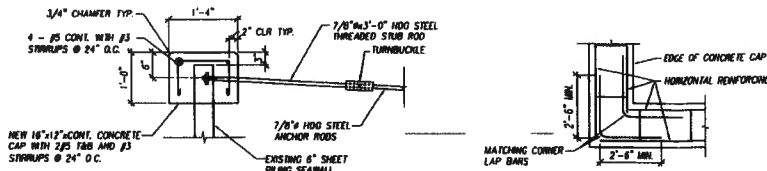
EXISTING VINYL SEAWALL REPAIR PLAN

SCALE 1/8" = 1'-0"



SECTION 1

SCALE 1" = 1'-0"

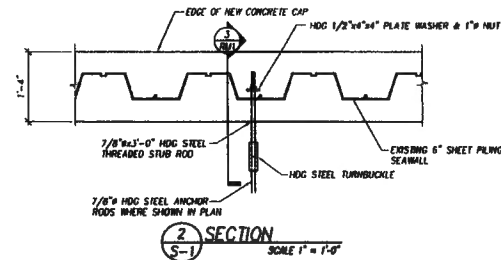


SECTION 3

SCALE 1" = 1'-0"

CORNER REINFORCING LAP SPlice DETAIL

SCALE 3/4" = 1'-0"



SECTION 2

SCALE 1" = 1'-0"

SEAWALL REPAIR PROCEDURE:

1. REMOVE EXISTING SEAWALL UNDER CAP AND ANCHOR ROD ATTACHMENTS.
2. REMOVE BACKFILL ALONG WALL SECTIONS THAT ARE NOT PLUMB TO ADJUST AND STRAIGHTEN PRIOR TO INSTALLATION OF NEW CAP.
3. FORM NEW CAST-IN-PLACE CONCRETE CAP AND INSTALL REINFORCING AND SUB RODS AS REQUIRED.
4. POUR NEW CONCRETE CAP AND ALLOW TO CURE FOR 28 DAYS.
5. INSTALL NEW ANCHOR RODS AND PLATES AS REQUIRED.

NOTES:

1. FLORIDA BUILDING CODE, 2014 EDITION; ASCE 7-10; THE ALUMINUM ASSOCIATION SPECIFICATIONS & GUIDELINES, 2005 EDITION.
2. DESIGN SURCHARGE LOAD = 100 PSF.
3. ANCHOR PLATES SHALL BE ALUMINUM 6061-T6.
4. ALL ANCHOR RODS, TURNBUCKLES AND FASTENER HARDWARE SHALL BE ASTM A307 HOT DIP GALVANIZED (HDG) STEEL OR ASTM F393 TYPE 316 STAINLESS STEEL.
5. TURBIDITY BARRIER SHALL BE USED TO CONTROL TURBIDITY AND SEDIMENT CONTAMINATION IF REQUIRED.
6. CONCRETE SHALL DEVELOP A MINIMUM 4000 PSI COMPRESSIVE STRENGTH IN 28 DAYS. MAXIMUM SLUMP OF 4" WITH 3/8" AGGREGATE AND W/C RATIO OF 0.40.
7. ALL REINFORCING STEEL SHALL CONFORM TO ASTM A618 GRADE 60, WITH MINIMUM YIELD STRENGTH OF 60,000 PSI STEEL.
8. ALL CONCRETE CONSTRUCTION SHALL CONFORM TO THE LATEST ADOPTED EDITION OF THE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318) AND ITS REVISIONS. ALL REINFORCING SHALL BE DETAIL, FABRICATED AND PLACED IN ACCORDANCE WITH ACI STANDARDS. NO RELIEF OF REINFORCEMENT SHALL BE ALLOWED UNLESS NOTED OR OTHERWISE APPROVED BY ENGINEER.
9. NO SPACING OF REINFORCEMENT SHALL BE MADE EXCEPT AS DETAILED OR AUTHORIZED BY THE STRUCTURAL ENGINEER. LAP SPACES WHERE PERMITTED SHALL BE CLASS 'B' TENSION LAP SPACES, UNLESS NOTED OTHERWISE. MAKE ALL BARS CONTINUOUS AROUND CORNERS.
10. ALL FIELD BENDING OF REINFORCING BARS SHALL BE MADE COLD FOR #5 BARS AND SMALLER.
11. ALL REINFORCING BAR, ANCHOR SUB RODS AND OTHER CONCRETE INSERTS SHALL BE WELL SECURED IN POSITION PRIOR TO PLACING CONCRETE.
12. PROJECTING CORNERS OF CAP SHALL BE FORMED WITH 3/4" CHAMFER.
13. WHERE DAMAGED SEAWALL PANELS ARE REQUIRED TO BE REPLACED THE MINIMUM EMBEDMENT DEPTH INTO BERM SHALL BE EQUAL TO THE EXPOSED HEIGHT OF THE PANEL AT THAT LOCATION.

CONTRACTOR SHALL VERIFY ALL CONDITIONS ON JOB SITE & NOTIFY DIMENSIONS BEFORE PROCEEDING WITH ANY CONSTRUCTION.	
SCALE: REFERENCED SCALES BASED ON 24" X 36" SHEET SIZE.	
DRAWN BY: MPK DATE: 1/7/16	
VARGAS RESIDENCE 9206 ISLAND LAKE CT ORLANDO, FL 32836 REPAIRS TO EXISTING VINYL SEAWALL	
SHEET TITLE: SEAWALL REPAIR PLAN, DETAILS AND NOTES	
DRAWING NO.: S-1	
SHEET: 1 OF 1	