




Interoffice Memorandum

AGENDA ITEM

July 24, 2019

TO: Mayor Jerry L. Demings
-AND-
Board of County Commissioners

FROM: Jon V. Weiss, P.E., Director
Planning, Environmental, and Development
Services Department 

CONTACT PERSON: **David D. Jones, P.E., CEP, Manager
Environmental Protection Division
(407) 836-1405**

SUBJECT: September 10, 2019 – Consent Item
Samuel Redding After-the-Fact Conservation Area Impact
Permit No. CAI-19-06-032

Samuel Redding is requesting an after-the-fact Conservation Area Impact (CAI) Permit for 0.12 acre of impact to the required upland buffer in order to authorize a previously constructed addition to a single-family residence. While reviewing Orange County Building Permit No. B19010547, staff determined that a Conservation Area Determination (CAD) was needed. During the CAD site review, staff found that unauthorized impacts to the required upland buffer has occurred.

The project site is located at 600 South County Road 13, Orlando, Florida 32833. The Parcel ID number for the site is 34-22-32-0000-00-028. The project site is located within the Econlockhatchee River Protection Area and contains portions of Long Branch, a named tributary of the Econlockhatchee River. Pursuant to Orange County Code, Chapter 15, Article XI, Section 15-443(1), a minimum 50-foot upland buffer (landward of the landward edge of the wetlands abutting the main river channel and the named tributaries) is required. Named tributaries are Econlockhatchee River Swamp, Fourmile Creek, Little Creek, Turkey Creek, Green Branch, Cowpen Branch, Hart Branch and Long Branch.

The subject property contains a 2.61-acre portion of a larger Class I wetland (Long Branch) and two Class III surface waters (totaling 0.09 acres) on the site. The site also contains 0.62 acre of required upland buffer. The applicant has impacted 0.12 acre of required upland buffer in order to construct an addition to an existing single-family residence. Mitigation is required for this impact. No impacts have occurred or are currently proposed to the Class III surface waters.

As mitigation for the impacts to the required upland buffer, the applicant proposes to place a conservation easement over:

- The onsite portion of the Class I conservation area (2.61 acres) and
- The remaining undisturbed required upland buffer (0.42 acre) and an additional upland area of 0.20 acre.

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In order to address secondary impacts to wetlands associated with the proposed development plan, fencing and conservation area signage will be installed along the edge of the upland buffer.

A penalty of \$600 has been assessed to the property owner for conducting the impacts to the required upland buffer without a permit from EPD.

Pursuant to Orange County Code, Chapter 15, Article X, Wetland Conservation Areas Ordinance and Article XI, Econlockhatchee River Protection Ordinance, EPD staff has evaluated the proposed CAI Permit application and required documentation, and recommends approval.

ACTION REQUESTED: Approval of after-the-fact Conservation Area Impact Permit No. CAI-19-06-032 for Samuel Redding. District 5

JVW/DJ: mg

Attachments

After-the-Fact Conservation Area Impact Permit Application



**Conservation Area Impact Permit
Application (After-the-Fact)
CAI-19-06-032
District #5**

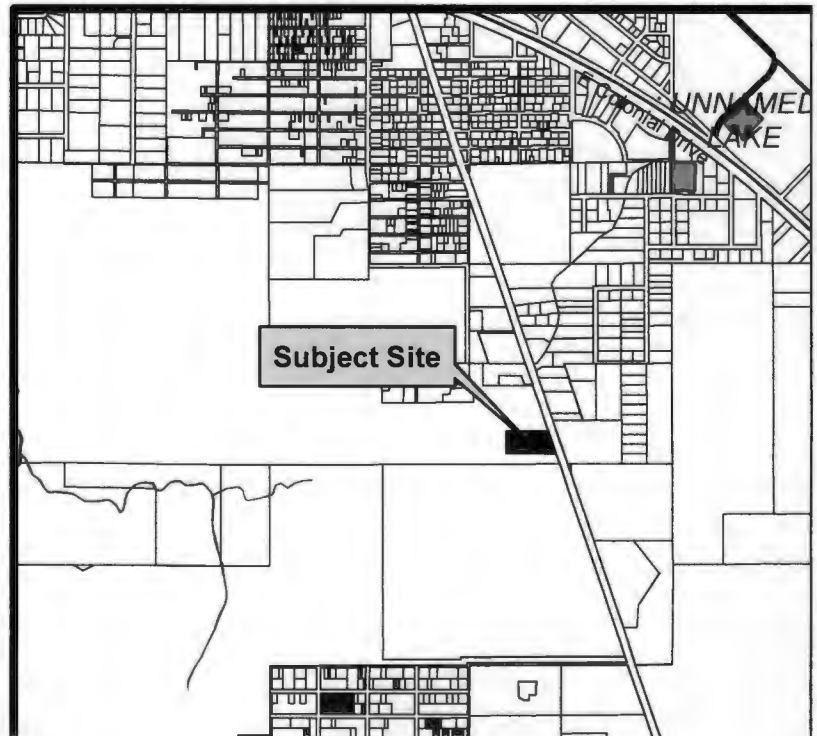
Applicant: Samuel Redding

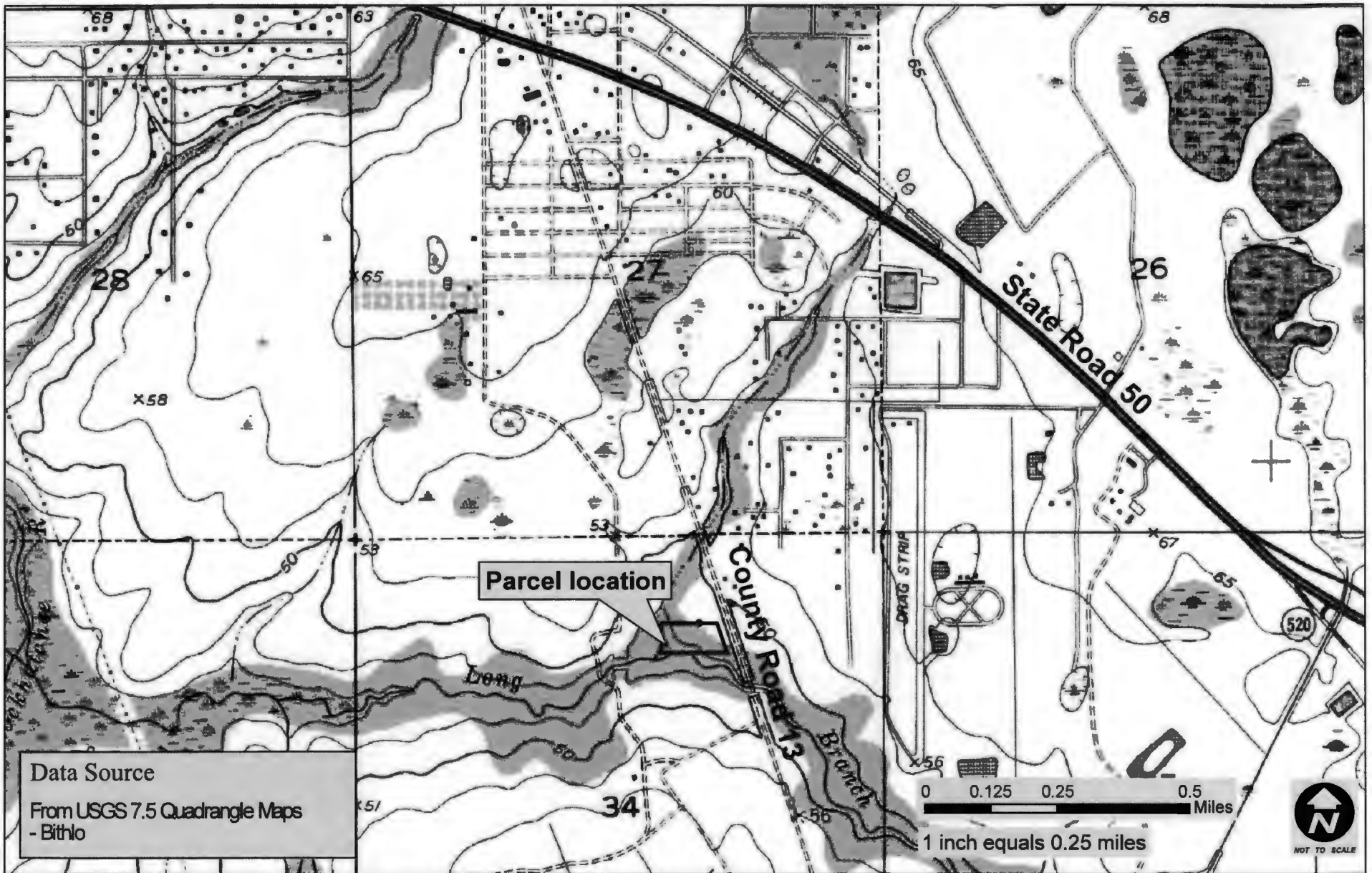
Address: 600 S. County Road 13
Orlando, FL 32833

Parcel ID: 34-22-32-0000-00-028

Project Site 

Property Location 





Data Source
 From USGS 7.5 Quadrangle Maps
 - Bithlo

0 0.125 0.25 0.5 Miles
 1 inch equals 0.25 miles



BOWMAN and BLAIR
 ECOLOGY and DESIGN, INC.
 5080 Parkridge Ct.
 Oviedo, FL 32765
 407-637-5883
 www.bowmanandblair.com

600 South County Road 13
 Orlando, FL 32833
 Orange County Parcel #
 34-22-32-0000-00-028

USGS Quad Map
 Date: 7/21/2019
 Project No: 190052
 File: Fig 3 USGS Quad map

Figure
 3



NOTES

1. The wetland (W-1) and surface waters (SW-1 and SW-2) are derived from survey by Shannon Surveying, Inc. dated 04/17/2019.
 2. The Orange County EPD CAD number is CAD-19-03-048.

3. According to the survey, areas are as follows;
 - Upland: 1.51 acres
 - Wetland W-1: 2.61 acres (Class I)
 - Surface water SW-1: 0.03 acres (Class III)
 - Surface water SW-2: 0.06 acres (Class III)

4. A 50 ft. wide buffer would be 0.618 acre
 The buffer impact area = 0.122 acre
 Buffer area 1 = 0.224 acre
 Buffer area 2 = 0.197 acre
 Buffer mitigation area 1 = 0.077 acre
 Buffer mitigation area 2 = 0.121 acre
 Total Buffer area = 0.619 acre

<p>Bowman and Blair Ecology and Design, Inc. 5080 Parkridge Ct. Oviedo, FL 32765 (407) 637-5883 www.bowmanandblair.com</p>	<p>600 South County Road 13 Orlando, FL 32833 Orange County Parcel # 34-22-32-0000-00-028</p>	<p>RHPZ Buffer Impact and Mitigation Plan</p>	
		<p>Scale: 1 inch = 75 ft. Date: Revised 7/21/2019 Project No: 190052 File: Fig 2</p>	<p>Figure 2</p>



CONSERVATION AREA
 NO DUMPING, LAND-CLEARING, OR OTHER
 DISTURBANCE TO SOILS OR VEGETATION PERMITTED
 BEYOND THIS POINT
 ORANGE COUNTY
 ENVIRONMENTAL PROTECTION DIVISION 407-536-1400

ÁREA DE CONSERVACIÓN
 PROHIBIDO ARROJAR BASURA,
 PERTURBAR EL TERRENO, SUBSUELO O VEGETACIÓN
 MÁS ALLÁ DE ESTE PUNTO
 CONDADO DE ORANGE DIVISION DE PROTECCIÓN AMBIENTAL 407-536-1400

CONSERVATION AREA SIGN

1. Provide 9" x 12" aluminous signs as required by Orange County EPD.



CONSERVATION AREA FENCE

1. Provide metal fence posts with 4 strands smooth wire equally spaced.

NOTES

1. Refer also to Figure 2 RHPZ Buffer and Mitigation Plan.

LEGEND	
—	- Parcel Boundary
△	- Wetland flag point per survey
—	- Wetland line per survey
—	- Upland Buffer fence line
⊗	- Conservation Area Sign



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Orange County Parcel #
 34-22-32-0000-00-028

Upland Buffer and Fence Plan	
Scale: 1 inch = 50 ft. Date: 7/21/2019 Project No: 190052 File: Fig 4	Figure 4