



AGENDA
ENVIRONMENTAL ADVISORY BOARD
CITY OF PORT ORANGE

Meeting Date: Monday, April 22, 2024
Type of Meeting: Regular

Time: 5:15 PM
Location: Second Floor Conference Room
City Hall, 1000 City Center Circle

A. CALL TO ORDER

1. Roll Call

B. DISCUSSION/ACTION

2. Consideration of Minutes - January 22, 2024
3. Debriefing on the Plant Giveaway
4. Update on Tree City Signs
5. Mitigation for Historic Tree Removal without a permit - 5005 S Ridgewood Avenue

C. STAFF COMMENTS

D. ITEMS FOR NEXT AGENDA

E. PUBLIC COMMENTS

F. BOARD COMMENTS

G. ADJOURNMENT

6. Next Meeting Date: July 22, 2024 @ 5:15 p.m.
7. Board Report to City Council : May 7, 2024

NOTICES – PURSUANT TO SECTION 286.0105 OF THE FLORIDA STATUTES, IF ANY PERSON DECIDES TO APPEAL ANY DECISION MADE BY THE ENVIRONMENTAL ADVISORY BOARD WITH RESPECT TO ANY MATTER CONSIDERED AT THIS PUBLIC MEETING OR HEARING, SUCH PERSON WILL NEED A RECORD OF THE PROCEEDINGS, AND THAT, FOR SUCH PURPOSE, SUCH PERSON MAY NEED TO ENSURE THAT A VERBATIM RECORD OF THE PROCEEDINGS IS MADE, WHICH RECORD INCLUDES THE TESTIMONY AND EVIDENCE UPON WHICH THE APPEAL IS TO BE BASED. THE CITY DOES NOT PREPARE OR PROVIDE SUCH A RECORD.



FOR SPECIAL ACCOMMODATIONS, PLEASE NOTIFY THE CITY CLERK'S OFFICE (PHONE: 386-506-5563) AS FAR IN ADVANCE AS POSSIBLE, BUT PREFERABLY WITHIN 2 WORKING DAYS OF YOUR RECEIPT OF THIS NOTICE OR 5 DAYS PRIOR TO THE MEETING OR HEARING DATE.



HELP FOR THE HEARING IMPAIRED IS AVAILABLE THROUGH THE ASSISTIVE LISTENING SYSTEM RECEIVERS CAN BE OBTAINED FROM THE CITY CLERKS' OFFICE.

Environmental Advisory Board Meeting

Monday, April 22, 2024

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IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA), IF YOU ARE A PERSON WITH A DISABILITY WHO NEEDS AN ACCOMMODATION IN ORDER TO PARTICIPATE IN THIS PROCEEDING, YOU ARE ENTITLED, AT NO COST TO YOU, THE PROVISION OF CERTAIN ASSISTANCE. PLEASE CONTACT THE CITY CLERK FOR THE CITY OF PORT ORANGE, 1000 CITY CENTER CIRCLE, PORT ORANGE, FLORIDA 32129, TELEPHONE NUMBER 386-506-5563, CITYCLERK@PORT-ORANGE.ORG, AS FAR IN ADVANCE AS POSSIBLE, BUT PREFERABLY WITHIN 2 WORKING DAYS OF YOUR RECEIPT OF THIS NOTICE OR 5 DAYS PRIOR TO THE MEETING OR HEARING DATE. IF YOU ARE HEARING OR VOICE IMPAIRED, CONTACT THE RELAY OPERATOR AT 7-1-1 or 1-800-955-8771.

UPON REQUEST BY A QUALIFIED INDIVIDUAL WITH A DISABILITY, THIS DOCUMENT WILL BE MADE AVAILABLE IN AN ALTERNATE FORMAT. IF YOU NEED TO REQUEST THIS DOCUMENT IN AN ALTERNATE FORMAT, PLEASE CONTACT THE CITY CLERK WHOSE CONTACT INFORMATION IS PROVIDED ABOVE.

meeting minutes was made by Vice Chair John Macaluso and seconded by Member Glenn Smith. Motion carried unanimously by voice vote.

3. Update on the Watergoat

Chair Cunningham stated that the sign for the watergoat has great details on it that will help educate how it works. Vice Chair John Macaluso and Chair Cunningham provided more details of a watergoat is and how it works. Chair Cunningham mentioned that the City and Volusia County have a list of volunteers to help maintain the watergoat.

4. Update on the Garden Spot

Margaret Tomlinson, Construction & Engineering Manager, explained that staff from Parks and Recreation will prep the grounds and the start of planting will begin in March or April. Chair Cunningham said that she would like to speak at one of the Council meetings to ask people to sponsor for the benches. Ms. Tomlinson mentioned that there is a program to donate benches but she is waiting on pricing and details. Chair Cunningham said that there will be signs near the plants and flowers for educational purposes.

5. Spring Festival Tree Delivery

Chair Cunningham found out that the spring festival would be at the Riverwalk Park. Chair Cunningham mentioned that the board will be giving away the trees on Saturday, March 2, 2024, from 10:00 a.m. to 2:00 p.m. Ms. Tomlinson said that she will work with the event coordinator to see where the board will set up. Ms. Cunningham mentioned that the leftover trees will be given to vendors or to anyone that reaches out.

6. 2024 Special Meeting Dates

The special meeting dates, if needed, would be September 9, 2024 at 4:00 p.m. and December 9, 2024 at 4:00 p.m. September was chosen because it is before the fall festival and December so that they could have one before the year end.

7. Discussion on Member Appointments

Vice Chair Macaluso mentioned that Member Shawn Goepfert should have spoken to the board before putting in his resignation. Chair Cunningham mentioned that the board had to cancel a meeting because there was no quorum. Chair Cunningham said that the board needs applicants that are passionate, educated and care about the city. Chair Cunningham asked the board members to spread the word to get a new applicant.

8. Items for Next Agenda

Debriefing on the Plant Giveaway
Tree City Signs

Chair Cunningham wanted an update on the tree canopy that is located in front of the Port Orange Regional Library. Ms. Tomlinson shared an update that there will be a new irrigation added to the islands and will be adding 6 inches of top soil with some groundcover plants.

PUBLIC COMMENTS

Robert Reinhegan, resident, commented that he believes the City should allow the board to review any changes to the Land Development Code, particularly Chapter 9. Chair Cunningham said she was advised that the code was only cleaned up and not changed.

BOARD COMMENTS

The board would like an email sent to them with updates on the watergoat and the garden spot. Member Gregory asked if there would be any documents relating to the Environmental Advisory Board at any of the events. Chair Cunningham said members would introduce themselves and answer any questions residents may have. The members would like to do a social media or Podcast to advertise more about their projects .

ADJOURNMENT - 6:22 p.m.

9. Next Meeting Date: April 22, 2024 @ 5:15 p.m.

10. Board Report to City Council : February 6, 2024

Chair Kristine Cunningham



EAB AGENDA ITEM

EAB MEETING DATE 4/22/2024

CITY COUNCIL DATE 5/21/2024

SUBJECT: Recommendation of Mitigation Options for the Removal of Two Historic Live Oak Trees at 5005 S. Ridgewood Avenue - Port Orange Flea Market

DEPARTMENT: Community Development

REQUEST:

According to the Land Development Code (LDC), the Environmental Advisory Board is required to recommend a mitigation plan for the removal of a historic tree, as provided by city staff, based upon the current tree mitigation resolution adopted by the city council (Resolution 20-46). The EAB may allow mitigation by planting replacement trees on the subject property, contribution to the city's tree bank, or a combination that equals or exceeds 15% of the total cross-sectional area of the removed historic tree as established by Resolution 20-46.

SUMMARY:

On March 4, 2024, Code Enforcement staff received an anonymous complaint that historic trees were being removed at the Port Orange Flea Market at 5005 S. Ridgewood Avenue. Code Enforcement staff arrived on-site to find one tree had been cut down, and the other tree had been topped and was being cut down. The City Forester evaluated the tree stumps and segments of the tree trunks and branches on-site and determined both trees were healthy historic live oak trees, and their diameter at breast height (DBH) was 48 inches and 54 inches. The LDC defines a Live Oak tree with a 36-inch diameter at breast height (DBH) or greater as a historic tree.

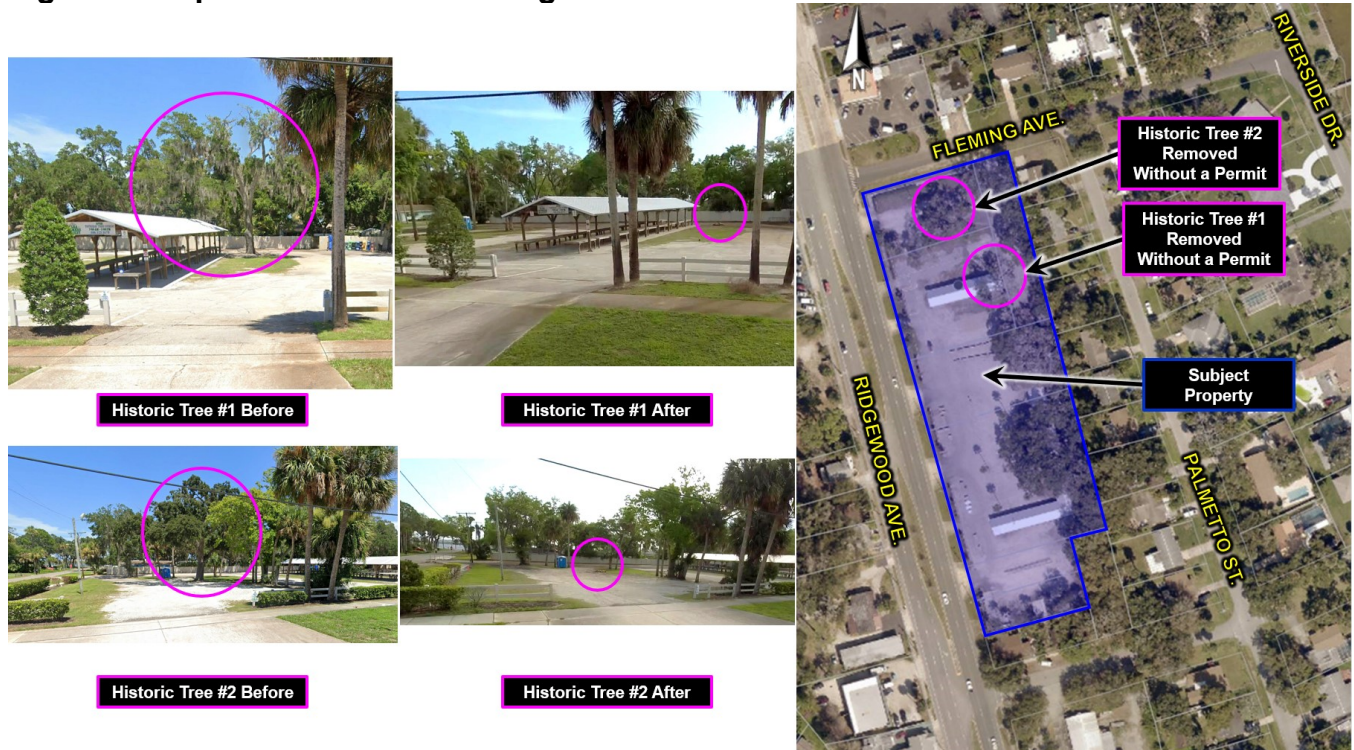
According to the Land Development Code (LDC), if a historic tree is removed without city staff having an opportunity to inspect it to determine its health, then the historic tree shall be considered healthy as it relates to the requirements, mitigation, and penalties in the LDC for the removal of a historic tree without a permit. Therefore, the two (2) historic trees that were removed from the Port Orange Flea Market have been determined to be healthy, per the LDC.

According to the LDC, if a historic tree is removed without obtaining a tree removal permit, the property owner is required to 1) submit an after-the-fact tree removal permit, 2) provide mitigation for the historic tree removed by either planting replacement trees or make a payment to the City tree bank or a combination of both, 3) pay a \$5,000 fine for each historic tree removed without a permit, and 4) pay double the tree removal permit fee. After the EAB recommends a mitigation option, the after-the-fact tree removal permit will go before the City Council.

According to the LDC, all non-residential historic tree removal permits, including after-the-fact tree removal permits, are required to go before the EAB for a recommendation on how the property owner is to mitigate for the removal of the historic trees and City Council for final review of the after-the-fact tree removal permit and approval of the mitigation plan.

On March 8, 2024, Andy Clark, representative for the property owner, 5005 Ridgewood LLC, submitted an after-the-fact tree removal permit for the two (2) historic trees cut down on March 4, 2024. According to the documents submitted with the permit, an arborist prepared an after-the-fact report that indicated the two (2) trees removed were diseased, and their diameter at breast height (DBH) was 36 inches and 48 inches. The report provided by the arborist was not dated and appeared to be prepared after the removal of the trees; it did not include photos and documentation of the risk level of the tree and did not provide a Tree Risk Assessment based on the ANSI A-300 as defined in the International Society of Arboriculture’s Best Management Practice for Tree Risk Assessment (2017).

Figure 1. Map and Pictures Showing the Location of the Historic Trees Removed



PENALTIES & MITIGATION REQUIRED BY THE LDC:

Penalties:

According to Chapter 9, Article II, Section 22.6(a) of the LDC, the property owner is required to pay a \$5,000 fine for each historic tree removed without a permit, and the after-the-fact tree removal permit fee is doubled (double permit fee is \$360).

Mitigation

According to the LDC, the EAB may recommend mitigation for removing a historic tree, as provided by city staff, based upon the current tree mitigation resolution adopted by the city council (Resolution 20-46). The EAB may allow the mitigation for the removal of a historic tree through a combination of planting replacement trees on the subject property and contribution to the city's tree bank, provided that the combination equals or exceeds the required percentage of the total cross-sectional area of the removed historic tree as established by Resolution 20-46. According to the LDC, mitigation is required in addition to the penalties listed above for removing a historic tree without a permit.

48" Live Oak Tree

- a. Payment of \$7,329 into the tree bank (48-inch DBH @ 15% cross-sectional area = 271.43 x \$27.00); or
- b. Plant 17 trees on the subject property. The replacement trees shall be 4.5" caliper measured 12" above ground and 14' tall; or
- c. A combination of payment into the tree bank and replacement trees.

54" Live Oak Tree

- a. Payment of \$9,275 into the tree bank (54-inch DBH @ 15% cross-sectional area = 3,433.53 x \$27.00); or
- b. Plant 22 trees on the subject property. The replacement trees shall be 4.5" caliper measured 12" above ground and 14' tall; or
- c. A combination of payment into the tree bank and replacement trees.

This item is scheduled for City Council on May 21, 2024, and will include the mitigation recommendation made by the EAB in the City Council agenda item.

ATTACHMENTS:

Exhibit 1 – Email and pictures from Code Enforcement

Exhibit 2 – After-the-Fact Tree Removal Permit and Support Documents provided by the Property Owner.

Exhibit 3 – Resolution 20-46

EXHIBIT 1

Joseph, Dena

From: Joseph, Dena
Sent: Tuesday, March 5, 2024 10:23 AM
To: DeGrave, Flossie; Tomlinson, Margaret; Cameron, Suzette
Cc: Edgar, Steve; Bonin, Amanda
Subject: FW: Port Orange fleamarket historic Oak removal

Good morning all:

I wanted to bring something to your attention first thing as the property owners may be coming in to obtain an after-the-fact tree permit for this location. Two (2) historic oaks were removed from the property yesterday by a tree company hired by the manager/owner of the flea market. I measured them and one was around 48" and the other around 54" in diameter. I have attached photos of the debris, the company doing the work, etc. Steve came out and measured the trees as well and determined that they were both historic and that they were both healthy trees from what could be viewed from the remaining debris and stumps.

I contacted the manager of the property, Linda Sacks, yesterday afternoon and left her a message informing her of the situation. So, if anyone comes in, everyone is aware of what transpired at this location so that we can move forward with the proper fines and so forth.

Please let me know if you need anything else or have any other questions.

From: Joseph, Dena <djoseph@port-orange.org>
Sent: Tuesday, March 5, 2024 10:14 AM
To: Joseph, Dena <djoseph@port-orange.org>
Subject: Port Orange fleamarket historic Oak removal

Mar 4, 2024 at 3:28:38 PM





Mar 4, 2024 at 3:25:16 PM



Mar 4, 2024 at 3:23:06 PM



Mar 4, 2024 at 3:32:45 PM



Mar 4, 2024 at 3:23:00 PM



Mar 4, 2024 at 3:24:44 PM



Mar 4, 2024 at 3:23:20 PM



Mar 4, 2024 at 3:25:18 PM





Mar 4, 2024 at 3:28:01 PM





Sent from my iPhone



CITY OF PORT ORANGE

1000 CITY CENTER CIRCLE PORT ORANGE, FL 32129
PHONE 386-506-5602 FAX 386-506-5699

After-the-Fact

TREE REMOVAL PERMIT APPLICATION

TREE TYPE: RESIDENTIAL (One/Two-Family Lots) COMMERCIAL (Multi-Family/Commercial/Industrial Lots) HISTORIC*

*Live Oak and Bald Cypress trees 36 inches in diameter or greater may only be removed upon approval by the City Council.

JOB ADDRESS & SUBDIVISION: 5001-5029 S. RIDGEWOOD AVE.

PROPERTY OWNER: Port Orange Flex Market, LLC
ADDRESS: 5111 S. Ridgewood Ave., Suite 201, Port Orange, FL 32127
PHONE NO.: 386-527-6365 (cell) EMAIL: aclark@goallaboard.com
CONTRACTOR NAME: Charles Woods and Shawn Pruner
BUSINESS NAME: Woods Land and Tree Removal, LLC
PHONE NO.: 386-679-9319 EMAIL: shawn.pruner@gmail.com

DESCRIPTION OF PROPOSED TREE(S) TO BE REMOVED (List: quantity, size [diameter of trunk], and type, i.e. 2-6" oaks):
Remove one diseased 36" oak & one diseased 48" oak
The whole top of the trees would wobble by shaking a limb.
REASON FOR REMOVAL: We are afraid these trees will fall damaging property or injuring our customers!

Port Orange Land Development Code may require tree replacements when removing a tree or trees from the property. The replacements will be noted on your permit.

Residential:
Fill out the "Tree Removal Sketch" on Page 2 of this application, showing all trees on the subject property to be removed as well as those remaining after the proposed removal.

Commercial:
This application must be accompanied by a sketch or survey showing all trees to be removed. This information will be compared to the approved Site Plan and other City records to determine if the proposed removal can be permitted, and what replacement(s), if any, is required by City Code. On older properties where records are not complete, additional information may be required.

SOME AREAS HAVE PRIVATE DEED COVENANTS AND RESTRICTIONS ON TREE REMOVAL. A CITY PERMIT IS ONLY TO ENSURE COMPLIANCE TO CITY AND STATE CODES. THE OWNER IS RESPONSIBLE FOR OBTAINING ANY PRIVATE ASSOCIATION APPROVAL BEFORE WORK IS STARTED.

I HEREBY CERTIFY THE INFORMATION SUBMITTED ON THIS APPLICATION TO BE TRUE AND ACCURATE;

PROPERTY OWNER SIGNATURE: D. Andrew Clark DATE: March 5, 2024
or
HOA REPRESENTATIVE (if applicable) D. Andrew Clark
CONTRACTOR SIGNATURE: [Signature] DATE: 3/8/24



South Tree
Flex Market



South Tree
Flea Market



South tree
Flea Market



South Tree
Flea Market



North Tree
Flea Market



North Tree
Flea Market



North Tree
Plea Market



North Tree
File Market



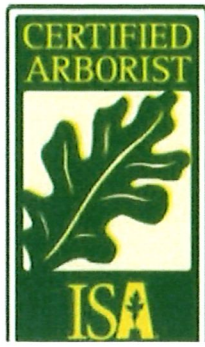
North Tree
Flea Market



North Tree
Flex Market



North Tree
Flea Market



Client: Linda Sacks

Address: 5005 South Ridgewood ave.

Port Orange, FL 32127

Reason for Inspection: Client is concerned with the health of this tree.

Specimen Details: Tree #1 is a 36" DBH live oak (*Quercus virginiana*) exhibiting signs of decay and base rot. The upper canopy has significant signs of white rot with geotropic growth. Structure target within drip line of specimen. Major root development impacting underground utility. Large leaders have failed in the past causing access moisture to enter xylem further, causing rapid decay. Carpenter infestation active and present.

Specimen Details: tree #2 is a 48" DBH live oak (*Quercus virginiana*) with major cavities and uncom decay due to poor trimming methods in the past. This base caused the branch protection zone to become compromised.

Conclusion: In abnormal wind conditions failure can occur.

Recommendation: Removal for tree 1 and tree 2.

Michael Feltner

ISA Certified Arborist FL9716-A

(no subject)

1 message

Andy Clark <aclark@goallaboard.com>
To: Andy Clark <aclark@goallaboard.com>

Tue, Mar 5, 2024 at 11:55 AM

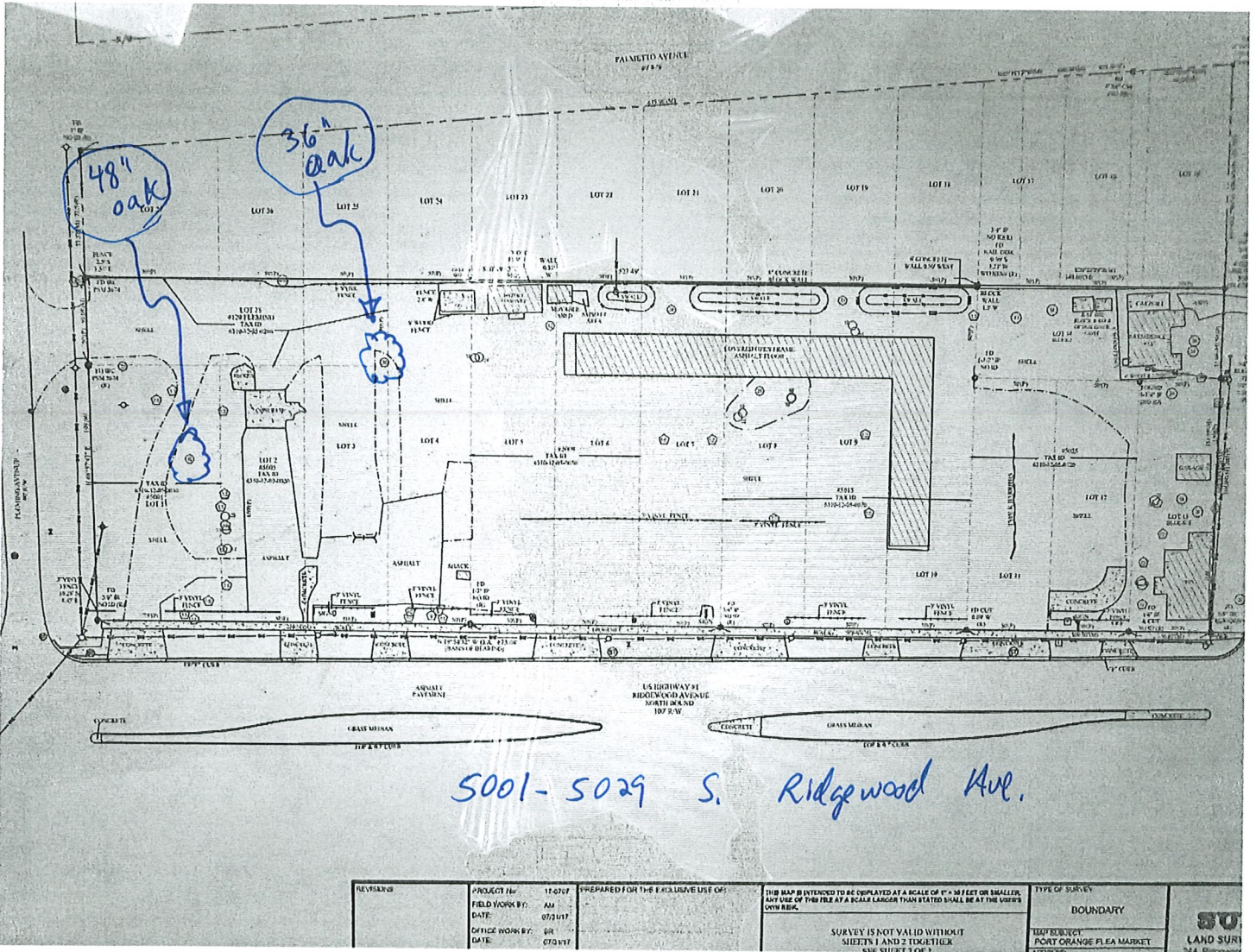


EXHIBIT 3

RESOLUTION NO. 20-46

A RESOLUTION OF THE CITY OF PORT ORANGE, VOLUSIA COUNTY, FLORIDA; ADOPTING MITIGATION TABLES FOR HISTORIC TREE REMOVAL ON RESIDENTIAL AND NONRESIDENTIAL PROPERTY; PROVIDING FOR CONFLICTING RESOLUTIONS; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, Article II of Chapter 9 of the City of Port Orange Land Development Code authorizes adoption of mitigation tables for historic tree removal on residential and nonresidential property by resolution of the City Council of the City of Port Orange; and

WHEREAS, pursuant to this authority the City hereby adopts mitigation tables for historic tree removal on residential and nonresidential property by resolution; and

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Port Orange, Florida as follows:

SECTION 1. The City Council of the City of Port Orange hereby adopts the Mitigation Table for removal of Healthy Historic Trees, attached hereto as **Exhibit "A."**

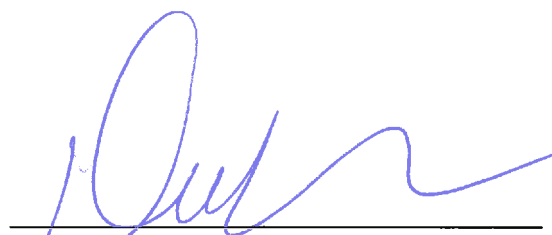
SECTION 2. The City Council of the City of Port Orange hereby adopts the Mitigation Table for removal of Diseased or Deteriorated Historic Trees, attached hereto as **Exhibit "B."**

SECTION 3. The City Council of the City of Port Orange hereby adopts the Mitigation Table for removal of Healthy Historic Trees Removed Without a Permit, attached hereto as **Exhibit "C."**


SECTION 4. The City Council of the City of Port Orange hereby adopts the Mitigation Table for removal of Diseased or Deteriorated Historic Trees Removed Without a Permit, attached hereto as **Exhibit "D."**

SECTION 5. All resolutions or parts of resolutions in conflict with the provisions of this resolution are hereby repealed to the extent of such conflict.

SECTION 6. This resolution shall become effective immediately upon adoption.


MAYOR DONALD O. BURNETTE

ATTEST:


Robin L. Fenwick, MMC, City Clerk



Adopted on the 15 day of September, 2020.

Reviewed and Approved: Shannon K. Balmer
Shannon K. Balmer, Assistant City Attorney

EXHIBIT A HEALTHY HISTORIC TREES

15% CROSS SECTIONAL AREA REPLACEMENT

MITIGATION FOR HISTORIC TREES ON MULTI-FAMILY, COMMERCIAL, INDUSTRIAL OR INSTITUTIONAL LOTS

A	B	C	D	
SIZE OF TREE BEING REMOVED	15% CROSS SECTIONAL AREA IN SQUARE INCHES	# OF 4 1/2" CALIPER TREES REQUIRED FOR REPLACEMENT	TREE BANK CONTRIBUTION*	
36	152.68	10	B x \$27 =	\$ 4,122
37	161.28	10	B x \$27 =	\$ 4,355
38	170.12	11	B x \$27 =	\$ 4,593
39	179.19	11	B x \$27 =	\$ 4,838
40	188.50	12	B x \$27 =	\$ 5,089
41	198.04	12	B x \$27 =	\$ 5,347
42	207.82	13	B x \$27 =	\$ 5,611
43	217.83	14	B x \$27 =	\$ 5,881
44	228.08	14	B x \$27 =	\$ 6,158
45	238.57	15	B x \$27 =	\$ 6,441
46	249.29	16	B x \$27 =	\$ 6,731
47	260.24	16	B x \$27 =	\$ 7,027
48	271.43	17	B x \$27 =	\$ 7,329
49	282.86	18	B x \$27 =	\$ 7,637
50	294.53	19	B x \$27 =	\$ 7,952
51	306.42	19	B x \$27 =	\$ 8,273
52	318.56	20	B x \$27 =	\$ 8,601
53	330.93	21	B x \$27 =	\$ 8,935
54	343.53	22	B x \$27 =	\$ 9,275
55	356.38	22	B x \$27 =	\$ 9,622
56	369.45	23	B x \$27 =	\$ 9,975
57	382.76	24	B x \$27 =	\$ 10,335
58	396.31	25	B x \$27 =	\$ 10,700
59	410.10	26	B x \$27 =	\$ 11,073
60	424.12	27	B x \$27 =	\$ 11,451
61	438.37	28	B x \$27 =	\$ 11,836
62	452.86	28	B x \$27 =	\$ 12,227
63	467.59	29	B x \$27 =	\$ 12,625
64	482.55	30	B x \$27 =	\$ 13,029
65	497.75	31	B x \$27 =	\$ 13,439
66	513.18	32	B x \$27 =	\$ 13,856
67	528.85	33	B x \$27 =	\$ 14,279
68	544.75	34	B x \$27 =	\$ 14,708
69	560.89	35	B x \$27 =	\$ 15,144
70	577.27	36	B x \$27 =	\$ 15,586
71	593.88	37	B x \$27 =	\$ 16,035
72	610.73	38	B x \$27 =	\$ 16,490
73	627.81	39	B x \$27 =	\$ 16,951
74	645.13	41	B x \$27 =	\$ 17,418
75	662.68	42	B x \$27 =	\$ 17,892

* \$27 - ACCEPTED NATIONAL VALUE PER SQUARE INCH

EXHIBIT B DISEASED OR DETERIORATED HISTORIC TREES**5% CROSS SECTIONAL AREA REPLACEMENT**

MITIGATION FOR HISTORIC TREES ON MULTI-FAMILY, COMMERCIAL, INDUSTRIAL OR INSTITUTIONAL LOTS

A	B	C	D	
SIZE OF TREE BEING REMOVED	5% CROSS SECTIONAL AREA IN SQUARE INCHES	# OF 4 1/2" CALIPER TREES REQUIRED FOR REPLACEMENT	TREE BANK CONTRIBUTION*	
36	50.89	3	B x \$27 =	\$ 1,374
37	53.76	3	B x \$27 =	\$ 1,452
38	56.71	4	B x \$27 =	\$ 1,531
39	59.73	4	B x \$27 =	\$ 1,613
40	62.83	4	B x \$27 =	\$ 1,696
41	66.01	4	B x \$27 =	\$ 1,782
42	69.27	4	B x \$27 =	\$ 1,870
43	72.61	5	B x \$27 =	\$ 1,960
44	76.03	5	B x \$27 =	\$ 2,053
45	79.52	5	B x \$27 =	\$ 2,147
46	83.10	5	B x \$27 =	\$ 2,244
47	86.75	5	B x \$27 =	\$ 2,342
48	90.48	6	B x \$27 =	\$ 2,443
49	94.29	6	B x \$27 =	\$ 2,546
50	98.18	6	B x \$27 =	\$ 2,651
51	102.14	6	B x \$27 =	\$ 2,758
52	106.19	7	B x \$27 =	\$ 2,867
53	110.31	7	B x \$27 =	\$ 2,978
54	114.51	7	B x \$27 =	\$ 3,092
55	118.79	7	B x \$27 =	\$ 3,207
56	123.15	8	B x \$27 =	\$ 3,325
57	127.59	8	B x \$27 =	\$ 3,445
58	132.10	8	B x \$27 =	\$ 3,567
59	136.70	9	B x \$27 =	\$ 3,691
60	141.37	9	B x \$27 =	\$ 3,817
61	146.12	9	B x \$27 =	\$ 3,945
62	150.95	9	B x \$27 =	\$ 4,076
63	155.86	10	B x \$27 =	\$ 4,208
64	160.85	10	B x \$27 =	\$ 4,343
65	165.92	10	B x \$27 =	\$ 4,480
66	171.06	11	B x \$27 =	\$ 4,619
67	176.28	11	B x \$27 =	\$ 4,760
68	181.58	11	B x \$27 =	\$ 4,903
69	186.96	12	B x \$27 =	\$ 5,048
70	192.42	12	B x \$27 =	\$ 5,195
71	197.96	12	B x \$27 =	\$ 5,345
72	203.58	13	B x \$27 =	\$ 5,497
73	209.27	13	B x \$27 =	\$ 5,650
74	215.04	14	B x \$27 =	\$ 5,806
75	220.89	14	B x \$27 =	\$ 5,964

* \$27 - ACCEPTED NATIONAL VALUE PER SQUARE INCH

**EXHIBIT C HEALTHY HISTORIC TREES
REMOVED WITHOUT A PERMIT
MITIGATION FOR HISTORIC TREES ON SINGLE AND TWO-FAMILY LOTS**

A	B	C	
SIZE OF TREE BEING REMOVED	15% CROSS SECTIONAL AREA IN SQUARE INCHES	TREE BANK CONTRIBUTION*	
36	152.68	B x \$27 =	\$ 4,122
37	161.28	B x \$27 =	\$ 4,355
38	170.12	B x \$27 =	\$ 4,593
39	179.19	B x \$27 =	\$ 4,838
40	188.50	B x \$27 =	\$ 5,089
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54	343.53	B x \$27 =	\$ 9,275
55	356.38	B x \$27 =	\$ 9,622
56	369.45	B x \$27 =	\$ 9,975
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62	452.86	B x \$27 =	\$ 12,227
63	467.59	B x \$27 =	\$ 12,625
64	482.55	B x \$27 =	\$ 13,029
65	497.75	B x \$27 =	\$ 13,439
66	513.18	B x \$27 =	\$ 13,856
67	528.85	B x \$27 =	\$ 14,279
68	544.75	B x \$27 =	\$ 14,708
69	560.89	B x \$27 =	\$ 15,144
70	577.27	B x \$27 =	\$ 15,586
71	593.88	B x \$27 =	\$ 16,035
72	610.73	B x \$27 =	\$ 16,490
73	627.81	B x \$27 =	\$ 16,951
74	645.13	B x \$27 =	\$ 17,418
75	662.68	B x \$27 =	\$ 17,892

**Replacement tree schedule will follow the existing LDC requirements based on the size of the lot (1 shade tree/2,500

* \$27 - ACCEPTED NATIONAL VALUE PER SQUARE INCH

**EXHIBIT D DISEASED OR DETERIORATED HISTORIC TREES
REMOVED WITHOUT A PERMIT
MITIGATION FOR HISTORIC TREES ON SINGLE AND TWO-FAMILY LOTS**

A	B	D	
SIZE OF TREE BEING REMOVED	5% CROSS SECTIONAL AREA IN SQUARE INCHES	TREE BANK CONTRIBUTION*	
36	50.89	B x \$27 =	\$ 1,374
37	53.76	B x \$27 =	\$ 1,452
38	56.71	B x \$27 =	\$ 1,531
39	59.73	B x \$27 =	\$ 1,613
40	62.83	B x \$27 =	\$ 1,696
41	66.01	B x \$27 =	\$ 1,782
42	69.27	B x \$27 =	\$ 1,870
43	72.61	B x \$27 =	\$ 1,960
44	76.03	B x \$27 =	\$ 2,053
45	79.52	B x \$27 =	\$ 2,147
46	83.10	B x \$27 =	\$ 2,244
47	86.75	B x \$27 =	\$ 2,342
48	90.48	B x \$27 =	\$ 2,443
49	94.29	B x \$27 =	\$ 2,546
50	98.18	B x \$27 =	\$ 2,651
51	102.14	B x \$27 =	\$ 2,758
52	106.19	B x \$27 =	\$ 2,867
53	110.31	B x \$27 =	\$ 2,978
54	114.51	B x \$27 =	\$ 3,092
55	118.79	B x \$27 =	\$ 3,207
56	123.15	B x \$27 =	\$ 3,325
57	127.59	B x \$27 =	\$ 3,445
58	132.10	B x \$27 =	\$ 3,567
59	136.70	B x \$27 =	\$ 3,691
60	141.37	B x \$27 =	\$ 3,817
61	146.12	B x \$27 =	\$ 3,945
62	150.95	B x \$27 =	\$ 4,076
63	155.86	B x \$27 =	\$ 4,208
64	160.85	B x \$27 =	\$ 4,343
65	165.92	B x \$27 =	\$ 4,480
66	171.06	B x \$27 =	\$ 4,619
67	176.28	B x \$27 =	\$ 4,760
68	181.58	B x \$27 =	\$ 4,903
69	186.96	B x \$27 =	\$ 5,048
70	192.42	B x \$27 =	\$ 5,195
71	197.96	B x \$27 =	\$ 5,345
72	203.58	B x \$27 =	\$ 5,497
73	209.27	B x \$27 =	\$ 5,650
74	215.04	B x \$27 =	\$ 5,806
75	220.89	B x \$27 =	\$ 5,964

**Replacement tree schedule will follow the existing LDC requirements based on the size of the lot (1 shade tree/2,500

* \$27 - ACCEPTED NATIONAL VALUE PER SQUARE INCH