

Jacksonville Tree Commission

Thursday, May 9, 2019 – 11:00 AM

117 West Duval Street, Third Floor, Conference Room C

Commissioners: John Crescimbeni, Chair
Curtis Hart, Vice Chair
Chris Flagg
Aaron Glick
John Pappas
Rhodes Robinson
Mike Robinson

Advisors: Susan Grandin
Richard Leon
Kathleen McGovern
Joel Provenza

Staff: Cindy Chism

AGENDA

Order of Agenda is Subject to Change

A. Call to Order and Verification of Quorum

1. Roll Call
2. Submittal of Speaker's Cards
3. Approval of minutes from April 11, 2019 meeting
4. Fund balance and encumbrance report for 15(F), 15(N) and BJP – Joel Provenza
5. Status of Pending Tree Projects, Levels 1 and 2 – Kathleen McGovern
6. Status of Countywide Tree Planting Contract – Dave McDaniel

B. New Business

1. Committee on Unauthorized Tree Pruning/Removal – M. Robinson
2. Level 3 Documents Final Approval
3. Level 2 Planting Process – Richard Leon

C. Public Comment

D. Adjournment – the next meeting is scheduled for June 13, 2019.

Jacksonville Tree Commission
Meeting Minutes May 9, 2019
Approved June 13, 2019

Commissioners Present:	John Crescimbeni, Chair Curtis Hart, Vice Chair Rhodes Robinson John Pappas Aaron Glick	Staff:	Cindy Chism
Advisors:	Susan Grandin, OGC Kathleen McGovern, City Arborist Joel Provenza, Accounting Richard Leon, Urban Forest Manager	Public:	Anna Dooley, Greenscape John November, Public Trust Joe Anderson, JEA Dave McDaniel, Public Works

A. Meeting was called to Order by Chair at 11:00 AM.

1. All present introduced themselves for the record.
2. Submittal of Speaker's Cards.
3. Motion made by Mr. Hart, seconded by Mr. Pappas, for approval of minutes from April 11, 2019 meeting. None opposed.
4. Fund balance and encumbrance report for 15(F), 15(N) and BJP (Attachment A) – Joel Provenza.
5. Status of Pending Tree Projects including Levels 1 and 2 (Attachment B) – Kathleen McGovern.
 - a. Mandarin Road Tree Planting project is complete and under budget. The unused appropriation will be returned to the Tree Mitigation Fund.
6. Status of Countywide Tree Planting Contract – Dave McDaniel
 - a. Both the three month warranty contract with Liberty Tree and the one year warranty with Davey Big Tree are at the Mayor's office for signature.
 - b. The two year warranty contract is at the Procurement Division.

B. New Business

1. Level 2 Planting Process – Richard Leon
 - a. Mr. McDaniel reminded the Commissioners that the legislation (Attachment G, page 3, number 7) that appropriated the \$1 million to these programs for the Mowing and Landscape Division said, "the request shall be heard by the Tree Commission for a recommendation to the Mayor's Budget Review Committee for approval." Ms. McGovern receives these Level 2 requests and completes Exhibit 1 from the ordinance, then plans the project. They would propose that the process for presenting these Level 2 Projects to the Tree Commission and then MBRC would be as follows: approximately one week before a Tree Commission meeting, a packet will be emailed to the Commissioners that will include a summary of the project, Exhibit 1 from the Ordinance, maps, and pictures. At the Tree Commission meeting, a vote is taken to send the project to MBRC. There will be no scoring or check lists. This should streamline the whole process.

- b. CM Crescimbeni asked Ms. McGovern if the checklist she had been developing was for herself or for the Commissioners. Ms. McGovern said it was for herself but she's happy to share with the Commissioner's (Attachment H).
 - c. Mr. McDaniel asked the Commissioners to look at the scoring sheet handed out at the last Tree Commission meeting and tallied by the Office of General Counsel for Tree Hill Amphitheater (Attachment I). There was some confusion, possibly because this was first time this form was used. Mr. McDaniel said the next step is to send this project to MBRC. Ms. Grandin clarified that the legislation says "heard", not "scored."
 - d. Mr. R. Robinson asked what the Commissioners receive to explain the project. Mr. McDaniel said Exhibit 1 from the Ordinance, a summary of the project, maps, and plans.
 - e. CM Crescimbeni asked if the Tree Hill project passed or failed, according to the scoring sheet. Ms. Grandin said it passed but there were concerns about the amount of palm trees requested, like why shade trees weren't used for the same effect. Irrigation wasn't included, so that item was not applicable.
 - f. CM Crescimbeni reiterated that the week before the Tree Commission meeting, documents detailing a new Level 2 Tree Planting Project will be sent out to the Commissioners for review. This project will be discussed at the next meeting and be given a red or green light to go before MBRC. **Ms. McGovern said there is an updated checklist, Attachment H, which could be sent in place of the scoring sheet used before.**
 - g. Mr. R. Robinson suggested adding a place for comments or concerns. Mr. Pappas suggested labeling it "Staff Comments".
 - h. CM Crescimbeni said there were some requirements in the Ordinance Code that need to be added to the checklist. There is not a limitation for 25% or less of palm trees in Level 2. Because the Tree Commission would like to know the percentage, this will be added to the checklist. Incidental landscaping will not be an option and will be removed. Mr. Pappas asked about irrigation being listed. It should be more detailed with a "yes" or "no". Irrigation and construction will be dealt with as separate items. Also ask if any trees are being removed and how many. **Ms. McGovern will redesign the Level 2 Community Organization Tree Planting Program Application Checklist form.**
2. New Level 2 Projects – Kathleen McGovern
- a. Level 2 Tree Hill Amphitheater Tree Planting Project – Motion to approve from Mr. R. Robinson, seconded by Mr. Glick. **Project approved to move to MBRC.**
 - b. Sheffield Elementary Tree Planting Project – CM Crescimbeni reminded the Commissioners that there was a question outstanding for this project; Duval County School Board was to check on the utility situation. Some of the plantings have been reconfigured. Two overcup oaks have been removed from the plan and two of the ligustrums have been rearranged to accommodate existing utilities. The revisions have been approved by Duval County Public Schools. Mr. R. Robinson made a motion to approve the project; Mr. Pappas seconded the motion. **Project approved to move to MBRC.**
 - c. San Marco Tree Planting is requested by Greenscape and Councilmember Boyer. Ms. McGovern requested that the Commissioner's review this project on the City's Canopy Planner; she will provide a link. There is an area under FDOT maintenance that the City has an agreement with. Ms. McGovern can provide a copy of the permit, if requested. This project will be under warranty for one year. Mr. Pappas informed the Commissioners and Ms. McGovern that there is a LaSalle Street Pump Station project that is under design; let's coordinate these two projects with Robin Smith, acting City Engineer. **Ms. McGovern will email this information packet, as well as the revised checklist to the Commissioners and coordinate with the Acting City Engineer.**

- d. Arbor Day Foundation Grant – The grant will be used to make bio-swales and the Tree Fund will pay for the trees. Part of the grant must be done in underserved communities. The requested trees are fruit trees to help relieve food desert issues. CM Crescimbeni pointed out that there are no fruit trees on the Approved Trees List. Mr. Leon added that if no one picked the fruit, they would not fall onto a sidewalk but onto a more natural area, like a trail. The non-profit requested several different types of fruit trees. Mr. Leon added that this is a pilot program to see if it can be successful.
3. Level 3 Documents Re- Approval of Instructions (Attachment D), Application (Attachment E) and Agreement (Attachment F).
- a. Mr. Glick made a motion to re-approve the Level 3 Tree Planting Documents, Mr. R. Robinson seconded the motion. All Approved. **Ms. Chism will get fillable PDF forms created for all the Level 3 documents.**
 - b. CM Crescimbeni asked if there was any reference to incidental landscaping in the instructions or agreement? Incidental Landscaping is defined in the Ordinance Code. The removal of any reference to it has not been approved by Council yet.
4. Committee on Unauthorized Tree Pruning/Removal (Attachment C) – M. Robinson/S. Grandin
- a. Attachment C captures what the Pruning Subcommittee discussed. Also shown in the shaded areas are questions which require the Commission’s input. However, the Shade Tree Subcommittee conclusions are not listed here.
 - b. All the definitions will be listed together in alphabetical order. The definition of “protected tree” was questioned because the committee was looking at pruning and how to penalize improper pruning. It was determined that a “protected tree” is anything that meets dimensional criteria, as well as anything required by the landscape code, PUD, or any tree put in, no matter the size, using mitigation funds.
 - c. Subpart B was reorganized because the definition of “protected tree” was listed, followed by exemptions from protected tree, and then exclusions from the exemptions. In addition, a new State Statute has been passed that states a “protected tree” does not include a diseased or dying tree.
 - d. “Drip line” was changed to “root zone” and defined.
 - e. Mr. McDaniel is currently asking for exemptions regarding mitigation of cemetery trees that are growing through or on top of a grave plot. There is no way to find the owner or owner’s heirs of the plot to ask permission to remove the tree. Does the City have to mitigate trees that are not supposed to be there to begin with?
 - f. The suggested changes to the landscape and tree protection regulations will be discussed further in a workshop which will also include the Shade Tree Subcommittee suggestions. **Ms. Grandin will email an inclusive document by May 17th. Ms. Chism will schedule the workshop for May 23rd.**
5. Incidental Landscaping and Irrigation for Level 3 Planting Projects – CM Crescimbeni
- a. CM Crescimbeni had a meeting with Mr. Mousa, Ms. McGovern, and Mr. Leon regarding incidental landscaping. Two concerns are: 1) what is the definition? 2) No funding is available for maintenance. Legislation is being introduced to address these concerns.
 - b. Mr. McDaniel answered that his division does not fertilize, mulch, or spray for insects or pests. They prune but do not have the money to do bed maintenance. Mr. McDaniel said anything planted around that new tree is competing with the tree for water and nitrogen. It’s better for the tree if there is no competition.
 - c. Mr. November asked if mulch, sod, or ground cover could be funded by the Tree Fund. Mr. McDaniel said mulch is included in the cost of planting the tree. The mulch is not maintained. Once it’s gone, the contractors spray a ring around the tree to keep the weeds down versus using a weed eater to ensure the City’s specifications are met.

- d. Mr. Glick added that he wanted to make sure Tree Funds were not used for things that do not benefit the tree(s). CM Crescimbeni asked if the mulch ring was included in planting the tree and what the specification would be. **Mr. McDaniel will tell CM Crescimbeni what the specification for mulch ring is when a tree is planted.** Mr. McDaniel said that replenishing or maintaining mulch rings is not specified in the countywide contract.
- e. CM Crescimbeni recapped; a tree planting project that uses tree mitigation funds will have a mulch ring around each tree even if they dig the holes themselves. Ms. Grandin said that it should be listed in the specification, which is attached to the agreement. Mr. Joe Anderson pointed out that reference could be made to the current arboricultural or ISA standards. That way a formula would have to be created and then kept updated. Currently the ISA A300 Standards are referenced in the Ordinance so there is no requirement to create a new document to keep current.

C. Public Comment

John November, Public Trust – In the Level 3 instructions, IV.D.8.d) *“The applicant may provide a cost for both irrigating the plantings and non-irrigated planting projects. If irrigation is planned, then please provide the cost of the installation and for the three lengths of warranty and maintenance for the irrigation system.”* What does that mean? There is no maintenance required for an irrigation system. Mr. McDaniel said that there is a lot of maintenance required for irrigation systems. Mr. November asked if they should list maintenance requirements for the irrigation system. CM Crescimbeni answered that the Tree Fund cannot pay for maintenance of any irrigation systems and the Public Works Division doesn’t have the money to pay for it. The tree fund will pay for the installation, but then what? Mr. Leon asked if the irrigation would only be required to establish the trees.

Ms. Grandin pointed out that the memo says *“maintaining trees includes the following: irrigation, pruning, providing nutrients, such as fertilizer and providing pest control.”* The memo talks about irrigation in the beginning but it doesn’t talk about the maintenance of the irrigation system. CM Crescimbeni specified the memo mentions irrigation in the first month; what about month 1500? **Ms. Grandin confirmed that for month one it does, but it doesn’t say anything for month 1500; this is a policy call. CM Crescimbeni asked if we need to address that in the Ordinance Code. Ms. Grandin said yes.**

Mr. November asked for clarification. CM Crescimbeni said his understanding of the Tree Mitigation monies was establish the tree, irrigate, fertilize, prune, but once it’s established, there is nothing else. They have traditionally not used Tree Fund monies for maintenance.

Mr. November asked how to get a right-of-way permit for a project that has not been approved by the City Council. Mr. Pappas answered that a permit was obtainable even if funding was not available yet.

Mr. November would like further guidance for administrative fees; they would be equal to the amount of services rendered; payment for what is done. Does the Commission want to see estimates of hours spent? CM Crescimbeni said the costs are being broken down according to the instructions.

Mr. November asked if he could submit projects by June 1st, 2019. The answer was yes.

D. Action Items

Ms. McGovern will redesign the Level 2 Community Organization Tree Planting Program Application Checklist form.

Tree Hill Amphitheater Level 2 Project has been approved for submission to MBRC.

Sheffield Elementary Level 2 Project has been approved for submission to MBRC.

Ms. McGovern will email the San Marco Level 2 Tree Planting Project packet as well as the revised checklist to the Commissioners and coordinate this project with the Acting City Engineer..

Ms. Chism will get fillable PDF forms created for all the Level 3 documents.

Ms. Grandin will email revised Landscape Regulations by May 17th. Ms. Chism will schedule a workshop for May 23rd.

Mr. McDaniel will tell CM Crescimbeni what the City specification for the mulch ring is for new tree plantings.

Ms. Grandin confirmed that for month one it does, but it doesn't say anything for month 1500; this is a policy call. CM Crescimbeni asked if we need to address that in the Ordinance Code. Ms. Grandin said yes.

E. Adjourned – the next meeting is scheduled for June 13, 2019.

INDEX CODE	Index Code Titles	BUDGET	Actual	Encumbrance	Unencumbered Budget Balance	Reserves	Unencumbered Balance net of Reserves
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PWD015FTP	Subfund 15F Revenue	31,640,503	44,825,432	-	13,184,929	-	13,184,929
JXS15FPW	TREE PROTECTION & RELATED EXPENSES	8,332,649	8,964,993	-	632,344	-	632,344
JXS15F	TREE PROTECTION & RELATED EXPENDITURES	-	8,580	-	8,580	-	8,580
JXS15FR31R	TRF TO 15F TREE PROTECTION FR 31F	392	392	-	-	-	-
	CONVERSION AND NONCASH REVENUE ENTRIES						
	Total Subfund 15F Revenue	39,973,545	54,138,234	-	14,164,689	-	14,164,689

PWD015FSSAS	FOREST STREET ASH SITE TREE/PLANTING	587,850	581,856	5,995	-	-	-
PWD015FMDAS	NORTH MAIN STREET LANDSCAPING	62,057	51,611	10,446	-	-	-
PWD015FBDA5	BROWN'S DUMP ASH SITE TREE/PLANTING	364,730	342,361	22,370	-	-	-
PWD015FSCAS	5TH & CLEVELAND ASH SITE TREE/PLANTING	494,215	376,792	117,423	-	-	-
PWD015FDCS	DUAL COUNTY SCHOOL BOARD PROPERTY	125,000	32,757	-	92,244	-	92,244
PWD015FDTP	DOWNTOWN TREE PLANTING	38,822	32,568	6,254	-	-	-
PWD015FLAE	ZOO LANDSCAPING-ASIAN EXHIBIT	1,824,408	792,976	1,031,432	-	-	-
PWD015FBCL	INTERSEC,BRIDGE,MISC 09/10 LANDSCAPING	100,000	81,532	-	18,468	-	18,468
PWD015FROW	COUNTY-WIDE TREE PROG-RIGHT OF WAY	4,979,980	4,672,461	126,466	181,053	-	181,053
PWM15F	TREE MAINTENANCE	2,149,689	2,125,253	290	24,146	-	24,146
PWD015FATPP	AVONDALE TREE PLANTING PLAN	31,233	24,986	6,247	-	-	-
PWD015FKSCP	KING ST. PLANTING COLLEGE TO PARK	85,366	69,260	16,106	-	-	-
PWD015FHMM	HAMMOND BLVD PROJECT	175,761	-	-	175,761	-	175,761
PWD015FVPP	COUNTY-WIDE TREE PROG-PRESERVATION PARKS	1,000,000	485,146	-	514,854	-	514,854
PWD015FVAP	COUNTY-WIDE TREE PROG-ACTIVE PARKS	1,151,965	619,420	-	532,545	-	532,545
PWD015FOSABP	OLD ST. AUG AT BARTRAM PARK	18,364	14,691	3,673	-	-	-
PWD015FLAVC	LENOX AVE PLANTING VERNA TO CASSAT	26,436	21,149	5,287	-	-	-
PWD015FPR88	PATTON RD AND BEACH BLVD TREE PLANTING	32,203	13,346	18,857	-	-	-
PWM15F63DCT	630-CITY TREE PLANTING PROG	200,000	950	-	199,050	-	199,050
PWD015FMANRD	MANDARIN ROAD TREE PLANTING	103,840	21,173	8,066	74,601	-	74,601
PWD015FSPTR	SPRINGFIELD PRESERVATION TREE PLANTING	278,872	-	81,923	196,949	-	196,949
PWD015FRAPR	RIVERSIDE AVONDALE PRES - RELCAF	781,748	-	-	781,748	-	781,748
PWD015FLTPP	LEVEL 2 TREE PLANTING PROGRAM	1,000,000	-	-	1,000,000	-	1,000,000
PWD015FTP	TREE PROTECTION & RELATED EXPENSES	3,548,513	2,097,444	-	1,449,105	-	1,449,105
JXS15FPW	TREE PROTECTION & RELATED EXPENDITURES	2,000,635	-	-	2,000,635	-	2,000,635
JXS15F	TREE PROTECTION & RELATED EXPENDITURES	1,865,741	-	-	1,865,741	-	1,865,741
	Subfund 15F Expenditures	23,027,427	12,457,729	1,460,834	9,108,863	-	9,108,863
	Includes accounts with encumbrances and budget balances						
	Unencumbered Budget Balance						
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	Subfund 15F Available to Appropriate (Budget less Actual less Encumbrance less Unencumbered Budget balance)			</			

INDEX CODE	Index Code Titles	BUDGET	Actual	Encumbrance	Unencumbered Budget Balance	Reserves	Unencumbered Balance net of Reserves
PW0D15NTM	Subfund 15N Revenue	305,139	4,946,808	-	4,641,669	-	-
	TREE MITIGATION & RELATED EXPENSES	305,139	4,946,808	-	4,641,669	-	-
	Total Subfund 15N Revenue	305,139	4,946,808	-	4,641,669	-	-
	Total Subfund 15N Revenue	305,139	4,946,808	-	4,641,669	-	-
	* Subfund 15N Expenditures						
	HARTS ROAD TREE PLANTING	7,548	1,294	6,253	-	-	-
PW0D15NHR	TREE MITIGATION & RELATED EXPENSE	1	-	-	1	1	-
JXSF15N	MANDARIN ROAD TREE PLANTING	62,205	13,286	3,321	45,598	-	45,598
PW0D15FRRBB	PATTON RD AND BEACH BLD TREE PLANTING	62,080	62,080	-	-	-	-
	Subfund 15N Expenditures	131,834	76,661	9,575	45,599	1	45,598
	* Includes accounts with encumbrances and budget balances						
	Subfund 15N Available to Appropriate (Budget less Actual less Encumbrance less Unencumbered Budget balance)						4,641,670
	Better Jacksonville Plan	1,717,826	-	-	1,717,826	-	1,717,826
	Better Jacksonville Plan (for Tree Mitigation) Available to Appropriate (Budget less Actual less Encumbrance less Unencumbered Budget balance)						1,717,826
	Total 15F and 15N Funds						24,121,840
	Better Jacksonville Plan - TREE MITIGATION PROJECT						1,717,826
	Grand Total 05/06/2019						25,839,666
	Grand Total 04/08/19						26,007,765
	Difference						(168,099)

FY 2018 Revenues by month												
	June	July	August	September	October	November	December	January	February	March	April	May
	FY2018	FY2018	FY2018	FY2018	FY 2019	FY 2019	FY 2019	FY 2019	FY 2019	FY 2019	FY 2019	FY2019
34375 TREE MITIGATION FUNDS - ARTICLE 25	28,520	15,035	78,707	34,100	48,100	112,999	96,792	54,168	26,146	119,640	47,804	-
361101 INVESTMENT POOL EARNINGS	19,610	40,772	40,877	45,812	-	27,825	31,552	39,249	42,747	54,262	56,976	-
36602 CONTRIBUTIONS FROM PRIVATE SOURCES	198,555	31,240	52,700	(120,465)	215,352	794,660	181,300	215,544	30,044	1,684,300	159,248	-
(15F) TREE PROTECTION & RELATED EXPENDITURES	246,685	87,047	172,284	(40,553)	263,452	935,484	309,644	308,961	98,936	1,858,202	264,028	-
34375 TREE MITIGATION FUNDS - ARTICLE 25	125,245	15,620	103,331	23,325	52,875	152,212	45,675	198,209	15,905	8,633	14,162	-
361101 INVESTMENT POOL EARNINGS	3,539	7,409	7,695	8,828	-	5,404	6,137	7,646	8,450	10,914	11,460	-
(15N) TREE MITIGATION & RELATED EXPENSE	128,784	23,029	111,026	32,153	52,875	158,591	51,812	205,855	24,356	19,547	25,622	-
	375,468	110,076	283,310	(8,400)	316,327	1,094,075	361,456	514,816	123,292	1,877,749	289,650	-

FY	DOC_NO	DOC SUFFIX	Sub fund	VENDOR_NAME	Amount	INDEX_CODE	Index Code Title
2019	CTPW0700014		15F	JACKSONVILLE ZOOLOGICAL SOCIETY	1031432.38	PWOD15FZLAE	ZOO LANDSCAPING-ASIAN EXHIBIT
2019	P03019740001		15F	THE DAVEY TREE EXPERT COMPANY	29663.46	PWOD15FR0W	COUNTY-WIDE TREE PROG-RIGHT OF WAY
2019	P03019740003		15F	THE DAVEY TREE EXPERT COMPANY	5994.5	PWOD15FFSAS	FORREST STREET ASH SITE TREE/PLANTING
2019	P03019740004		15F	THE DAVEY TREE EXPERT COMPANY	22369.5	PWOD15FBDA5	BROWN'S DUMP ASH SITE TREE/PLANTING
2019	P03019740005		15F	THE DAVEY TREE EXPERT COMPANY	117423	PWOD15FFCAS	5TH & CLEVELAND ASH SITE TREE/PLANTING
2019	P07A02942006		15F	THE DAVEY TREE EXPERT COMPANY	10445.81	PWOD15FNMS	NORTH MAIN STREET LANDSCAPING
2019	P07A02942017		15F	THE DAVEY TREE EXPERT COMPANY	6254.01	PWOD15FDTP	DOWNTOWN TREE PLANTING
2019	P07A02942018		15F	THE DAVEY TREE EXPERT COMPANY	3672.84	PWOD15FOSABP	OLD ST.AUG AT BARTRAM PARK
2019	P07A02942019		15F	THE DAVEY TREE EXPERT COMPANY	16105.92	PWOD15FKSCP	KING ST. PLANTING COLLEGE TO PARK
2019	P07A02942021		15F	THE DAVEY TREE EXPERT COMPANY	6246.52	PWOD15FATPP	AVONDALE TREE PLANTING PLAN
2019	P07A02942023		15F	THE DAVEY TREE EXPERT COMPANY	5287.17	PWOD15FLAVC	LENOX AVE. PLANTING VERNA TO CASSAT
2019	P07A02942025		15N	THE DAVEY TREE EXPERT COMPANY	6253.17	PWOD15NHR	HARTS ROAD TREE PLANTING
2019	P07A02942026		15F	THE DAVEY TREE EXPERT COMPANY	18856.68	PWOD15FPRBB	PATTON RD AND BEACH BLVD TREE PLANTING
2019	P08A01798017		15F	LEWIS TREE SERVICE, INC.	290.35	PWML15F	TREE MAINTENANCE
2019	P08A01798019		15F	LEWIS TREE SERVICE, INC.	88946.82	PWOD15FR0W	COUNTY-WIDE TREE PROG-RIGHT OF WAY
2019	P09A04239000		15F	ALLSTAR IRRIGATION	7856	PWOD15FR0W	COUNTY-WIDE TREE PROG-RIGHT OF WAY
2019	P09A05520000		15F	FERNANDINA MULCH & STONE, LLC.	8066.35	PWOD15FMANRD	MANDARIN ROAD TREE PLANTING
2019	P09A05520000		15N	FERNANDINA MULCH & STONE, LLC.	3321.49	PWOD15NMANRD	MANDARIN ROAD TREE PLANTING
2019	P09A06015000		15F	FERNANDINA MULCH & STONE, LLC.	81922.79	PWOD15FSPRTP	SPRINGFIELD PRESERVATION TREE PLANTING

CITY OF JACKSONVILLE TREE PLANTING PROJECTS - ACTIVE
 Visit <https://pg-cloud.com/jacksonvillefl/> for City of Jacksonville Tree Project Maps
 Visit <http://jtreeinvestigation.coj.net> - Tree Fund City Projects for links to legislation and planting details

CD	Project Title	Project Scope	Project or Ordinance Number	Division/Project Manager	Estimated Cost	Actual Cost	Anticipated Start Date	Actual Start Date	Anticipated Completion Date	Actual Completion Date	Status
7	Main Street	Tree removal and planting on N. Main St. between 1st St. and 7th St.	2017-0111-E	Public Works - Mowing and Landscape Richard Leon/Fred Pope	\$22,057.00	\$20,176.85	8/20/2018	8/20/2018	9/17/2018	10/18/2018	Complete
7	Harts Rd & Dunn Ave Medians and Streetscape in Downtown Jacksonville	5 Date Palms to be planted on two medians on Harts Rd at the cross street of Dunn Ave. (Phase 1) 8 Date Palms to be planted as replacements in Downtown Jax (4 on Riverside Ave., 2 on Adam St. W, 1 on Forsyth St. W, 1 on Monroe St) (Phase 2) 13 Date Palms total. Includes removal of existing Date Palm stumps in city street planting boxes. Introduced by CM Gaffney. Appropriation from Tree Fund 15F.	2018-0007-E	Public Works - Mowing and Landscape Richard Leon/Kathleen McGovern	\$62,540.03	\$62,540.03	Phase 1 4/10/2018 Phase 2 4/25/18	Phase 1 3/23/2018 Phase 2 4/30/18	Phase 1 6/11/18 Phase 2 6/11/18	6/11/2018	Complete
6	Old St. Augustine Rd Medians	Two median tree plantings on Old St. Augustine Rd. from Bartram Park Blvd to entrance of Palmetto Leaves Park South. (No removals) Introduced by CM Schellenberg. Appropriation from Tree Fund 15F.	2018-0043-E	Public Works - Mowing and Landscape Richard Leon/Kathleen McGovern	\$18,364.21	\$18,364.21	4/20/2018	6/1/2018	8/8/201	10/18/2018	Complete
14	King Street	King St. from College St to Park St., replacement planting on nine medians and sidewalk cut-outs. Introduced by CM Love. Appropriation requested from 15F.	2018-0159-E	Public Works - Mowing and Landscape Richard Leon/Kathleen McGovern	\$85,366.23	\$73,813.92	5/1/2018	5/11/2018	8/20/2018	10/18/2018	Complete
4	Patton Rd/Beach Blvd.-Southside	Right of Way Plantings on two adjacent sites at the intersection of Patton Rd. and Beach Blvd. (no removals) and residential right of way plantings. Introduced by CM Scott Wilson and through citizen request. Appropriation requested from 15F (\$32,202.87) and 15N (\$62,080.49)	2018-0190-E	Public Works - Mowing and Landscape Dave McDaniel/Kathleen McGovern	\$94,283.36	\$94,283.36	11/15/2018	2/20/2019	3/14/2019	3/14/2019	Complete
14	Avondale Neighborhood -Tree Planting Plan	Tree Planting in City ROW on residential streets in Avondale replace dead/storm damaged trees. Introduced by CM Love. Appropriation requested from 15F.	2018-0273-E	Public Works - Mowing and Landscape Richard Leon/Kathleen McGovern	\$31,232.60	\$31,232.60	7/19/2018	7/19/2018	8/20/2018	12/20/2018	Complete
4	Lenox Ave. Tree Planting	Tree Planting in City ROW tree planting (no removals) on Lenox Ave. from Shen Ave to Cassat Ave. Introduced by CM Dennis, Appropriation requested from 15F	2018-0307-E	Public Works - Mowing and Landscape Dave McDaniel/Kathleen McGovern	\$26,435.84	\$26,435.84	10/12/2018	10/15/2018	10/28/2018	12/20/2018	Complete
7	Harts Rd. #1 Medians and Right of Way	Tree Planting in City ROW and medians. Introduced by CM Gaffney	2018-0369-E	Public Works - Mowing and Landscape Dave McDaniel/Kathleen McGovern	\$31,265.81	\$31,265.81	9/12/2018	9/12/2018	10/2/2018	12/20/2018	Complete
6	Mandarin Rd. Tree Planting	Tree Planting in City ROW tree planting along new trail/walk and supplementing existing medians. (55 trees and MOT) Introduced by CM Schellenberg. Appropriation requested from 15N and 15F	2018-0791-E	Public Works - Mowing and Landscape Richard Leon/Kathleen McGovern	\$166,045.00	\$45,846.43	3/25/2019	3/25/2019	4/14/2019	4/14/2019	Complete - Liberty Landscape Supply
7	Springfield Neighborhood Tree Planting - SPAR collaboration	Tree Planting in Springfield for tree planting requests and to replace dead/storm damaged trees. (146 trees) Introduced by CM Gaffney. Appropriation requested from 15F.	2018-0792-E	Public Works - Mowing and Landscape Richard Leon/Kathleen McGovern	\$29,872.00		3/25/2019	4/14/2019			Installation in progress - Liberty Landscape Supply
14	RAP Relief Neighborhood Tree Planting - RAP collaboration	Tree Planting in City ROW on residential streets and businesses in District 14 for tree planting requests and replacement dead/storm damaged trees. (164 trees) Introduced by CM Love. Appropriation requested from 15F.	2019-0044-E	Public Works - Mowing and Landscape Richard Leon/Kathleen McGovern	\$781,748.00		4/20/2019	5/1/2019			Scheduling, pending contract approval - Davey Tree

CITY OF JACKSONVILLE LEVEL 2 TREE PLANTING PROJECTS - ACTIVE

Visit <https://pg-cloud.com/jacksonvilleFL/> for City of Jacksonville Tree Project Maps

Visit jaxtreemmitigation.coj.net - Tree Fund City Projects for links to legislation and planting details

Requesting Entity	Project Scope	Status
Kensington Association HOA Director	30-50 trees requested within Kensington Lakes city right of ways along Kensington Gardens Blvd. and Kensington Lakes Dr to replace trees lost due to storm damage/disease; may include removals. Planting Plan pending.	In Development
St. Johns Episcopal Church Cathedral District Tree Planting	50+ trees requested as Cathedral District (CD7) tree planting, may include removal of damaged/diseased trees. City right of way tree plantings within general proximity but not limited to State St to Catherine St. to Main St. to Adams St.; site evaluation scheduled	In Development
Executive Director, Tree Hill Nature Center	22 trees requested in Tree Hill amphitheater parking area; site plan complete; no removals required; ready for review pending cost estimate per new countywide tree planting contract.	Submitted to Tree Commission & CM
San Marco Preservation Society and Greenscape, San Marco Tree Planting	50-100 Trees requested in city right of ways within District 5, includes removal of damaged/diseased trees; site evaluation scheduled	Ready to Submit
Sheffield Elementary School PTA President	10 Trees requested to provide shade for existing play area/field at Sheffield Elementary School; site visit complete - pending design and review.	Submitted to Tree Commission & CM

JACKSONVILLE TREE COMMISSION'S Level 3

COMMUNITY ORGANIZATION TREE PLANTING PROGRAM INSTRUCTIONS

I. Purpose.

This document sets forth the procedures and rules that must be followed for grant Applications for the Jacksonville Tree Commission's Level 3 Community Organization Tree Planting Program ("Community Organization Tree Program" or "Level 3 Program") utilizing the Tree Protection and Related Expenses Trust Fund. The purpose of the Level 3 Program is to provide grants to local community and not-for-profit organizations for the design, management and implementation of tree planting projects on publically owned land within Duval County for the conservation and enhancement of the City of Jacksonville's ("City") tree canopy.

The Tree Commission is an advisory body that encourages and coordinates the efforts of the various public and private entities that are concerned with the conservation and enhancement of the City's tree canopy. The Tree Commission is the subject matter expert on the City's tree canopy and is tasked with making recommendations to the City Council, Mayor's Office, City Staff, and community stakeholders with respect to the planting of trees and the health of the City's tree canopy. Pursuant to Sec. 94.106, *Ordinance Code*, the Tree Commission is charged with coordination of tree planting projects between public and private entities and to review expenditure proposals and plans for such planting projects. To that end, this Level 3 Program sets a framework for how the City might collaborate with community organizations through the funding of eligible, prioritized projects.

The Tree Protection and Related Expenses Trust Fund, as authorized by Sec.111.760, *Ordinance Code*, and Sec. 25.04, *City Charter* ("Tree Funds"), is comprised of funds that are required to be expended on the provision and maintenance of trees and incidental landscaping to such trees on all public lands in Duval County. In an effort to improve the City's tree canopy, the City will collaborate with not-for-profit, and other community organizations to achieve this goal through tree planting projects.

II. Definitions.

Applicant means an eligible not-for-profit or community organization that submits an Application for Tree Protection and Related Expenses Trust Fund funds through the Tree Commission.

Application means the Jacksonville Tree Commission's Level 3 Community Organization Tree Planting Program Application.

Application Evaluation Period means the period commencing at the time of the Level 3 Program Application Deadline listed in Section VII, and ending at the public meeting at which the Tree Commission submits its scores for calculation.

Award means a grant from the City pursuant to the procedures outlined in this document.

Award Session means the schedule reflected in Section VII of this document.

Department means the Public Works Department.

Design Consultant means a qualified professional, such as a Florida Landscape Architect, Urban Forester, Certified Arborist, landscape designer, or other professional who has at least 5 years of experience in the design, administration, and inspection of public tree planting projects. Experience must include preparing design documents and bid specifications, obtaining bids, providing contractor oversight, and inspecting the contractor's work. The Design Consultant may be an employee of the Applicant.

City's Continuous Contract means the annual contract awarded by the City to a landscape contractor to provide countywide tree planting and maintenance services.

Grant Agreement means the agreement between the Applicant and the City setting forth the requirements and responsibilities for the design, coordination, and implementation of a Project.

Project Cost means the total of all eligible costs associated with the design, coordination, procurement of materials, planting, irrigation, warranty and maintenance of the Project in accordance with this Instructions document.

Project Design means the compilation of the Schematic Planting Plan drawings and the construction drawings and specifications for the irrigation and planting of the trees and incidental landscaping prepared by the Design Consultant.

Project Priority List means the list created by the Tree Commission for submission to the Mayor's Budget Review Committee ("MBRC") for consideration and approval for legislation to approve the grant.

Publicly owned property in Duval County means property owned by a governmental entity, including, but not limited to, land within the City or State right-of-way, local, state or federal parks and preserves; and Duval County School Board property.

Recipient means an applicant that has been approved for funding by the City Council and who has executed a Grant Agreement with the City for an Award.

Schematic Planting Plan means a scaled drawing showing all significant components by means of standard symbols, and includes basic information such as the site location map, the limits of the project, property lines or right-of-way lines, plant legend, and master tree planting plan.

Tree Commission means the advisory body created in Chapter 94, *Ordinance Code*.

Tree Fund means the monies within the Tree Protection and Related Expenses Trust Fund, pursuant to Sec. 111.760, *Ordinance Code*, and Sec. 25.04, *Jacksonville Charter*.

III. General Requirements and Eligibility Standards

The following constitutes the general procedures for the Level 3 Program.

A. **Application Form.** The Application form for the Level 3 Program is entitled "Level 3 Community Organization Tree Planting Program" and is prescribed for use with these procedures. Applications for funding must be submitted on this form, and shall include the completed Exhibits to the Application. An applicant may only submit one project per Application form.

B. Eligible Applicants.

1. **501(c) not-for-profit organizations:**
 - a) Attach a copy of the organization's IRS determination letter.
 - b) Attach a status of good standing certificate issued by the Florida Division of Corporations evidencing that the Applicant is in good standing and has been in existence for one (1) year prior to the Level 3 Program Application

deadline. See Section VII of these Instructions for the Application Schedule. The certificate must be dated within 60 days of the Application deadline and list the requesting agency as a Florida non-profit corporation (requested from Florida Division of Corporations here:

~~<http://dos.myflorida.com/sunbiz/manage-business/certificate/certificate-status-efiled>~~
~~<http://dos.myflorida.com/sunbiz/1>~~

- c) In order to show that the applicant is currently operating in Duval County, attach a copy of the Florida Division of Corporations "Detail by Entity Name" webpage from ~~[www.Sunbiz.org](http://www.sunbiz.org)~~ ~~Go to this link:~~

~~<https://search.sunbiz.org/Inquiry/CorporationSearchByName?http://dos.s.myflorida.com/sunbiz>~~

If proof of operation in Duval County cannot be determined by the "Detail by Entity Name", attach evidence of current operations in Duval County by submitting at least one of the following:

- 1) A list of notable projects or work completed in Duval County by the Applicant; or
- 2) A copy of media publicity identifying work conducted in Duval County (i.e. news article or blog post)

2. Community Organizations - Homeowners Association, Special District, or other unit of local government within Duval County:

- a) For special districts or other unit of local government, attach a copy of the enacted ordinance establishing the district or local unit and provide documentation that the unit is currently in compliance with all state and local requirements.

- b) For Homeowners' Associations, control of the Homeowners' Association must have been obtained by members of the Association other than the developer.

IV. Submission of Application and Application Materials. Applications must be submitted by mail or delivery to the Tree Commission, care of the Mowing and Landscape Maintenance Division, Department of Public Works, 609 St. Johns Bluff Road North, Jacksonville, Florida 32225. To be timely submitted, Applications must be received by 3:00 PM on or before the published Application deadline. Applications received late will not be considered in that Award Session.

- A. Applications must be transmitted with an original signature cover letter on Applicant's letterhead, signed by the appropriate representative, official or administrator, binding the Applicant to fulfill the commitments made in the Application and identifying the person that will act as the key contact between the City and the Applicant.

- B. Applicants must submit four (4) complete and legible sets of Application materials. One set shall contain original text and non-text items, along with required signatures.

C. All Applications must be submitted on the Level 3 Community Organization Tree Planting Program Application form.

D. The following Exhibits shall be provided with the Application:

1. Proof of eligibility as described in Section III.B (Exhibit 1);
2. Corporate Resolution Certification (if applicable) (Exhibit 2);
3. Authorization to Plant Trees (Exhibit 3). If information is needed regarding the property's ownership, contact the Real Estate Division at (904) 255-8700 for assistance.

- a) If in the City Right-of-Way, must obtain a Right-of-Way Permit from the Development Services Division of the Planning and Development Department (~~website~~:

~~<http://www.eoj.net/departments/planning-and-development/development-services-division/right-of-way-permitting.aspx>) in addition to the form of the City of Jacksonville, along with the Authorization to Plant Trees form:~~

- b) If in a City Park, must obtain authorization from the Parks & Recreation Department of the City of Jacksonville;
 - c) If on School Board property, must obtain authorization from the Assistant Superintendent of Facilities; and
 - d) If on property controlled by any other governmental entity not described above, must obtain the appropriate authorization from that agency.
4. Schematic Planning Plan, including the following information (Exhibit 4):
- a) North arrow and graphic scale (1" = 20', 30' or 50') shown on each sheet;
 - b) Project boundaries;
 - c) Location of all plant material; and
 - d) Location map.
5. Plant Schedule listing (part of Exhibit 4):
- a) The species,
 - b) The size;
 - c) Associated notes for each type of plant; and
 - d) Plant quality (Florida Fancy or Florida #1).
6. Scope of Work (part of Exhibit 4).
- a) Background. Give an overall brief description of the project and the purpose.
 - b) List of Participants, including but not limited to the Applicant (which will become the "Contractor" as reflected in the Grant Agreement), the City, any volunteers, the Design Consultant, and the landscape contractor.
 - c) Roles, responsibilities and tasks for each Participant, such as:
 - 1) engage the Design Consultant for preparation of the construction drawings and specifications;
 - 2) obtain final approval of the design from the City Landscape Architect;

- 3) prepare the bid documents using the City's specifications as well as site specific specifications for the project, and bid out the implementation; ~~to a minimum of three qualified bidders;~~
 - 4) coordinate with the City for approval to use the selected bidder (City may use the City Continuous Contractor at the City's discretion); ~~and~~
 - 5) provide project management for the implementation, maintenance, and warranty.
7. Performance Schedule (part of Exhibit 4). State when each phase of work will begin and end; design and construction documents; bidding out of final construction documents; planting; and maintenance.
8. Cost breakdown (Exhibit 5):
- a) Administrative/contract management fees including, but not limited to: construction coordination, community outreach and/or programs, volunteer coordination, meetings, project coordination, and billing;
 - b) Design Consultant Services Fee, with detailed scope of service; ~~and~~
 - c) Construction cost, including, but not limited to purchase and installation of plant material ~~and irrigation~~, site preparation, ~~performance and payment bonds~~, maintenance of traffic, and guarantee of plant material ~~and irrigation~~. The cost to warranty the plant material shall be provided for each of the following: 3 months, 1 year, and 2 years;
 - d) The applicant may provide a cost for both irrigating the plantings and for non-irrigated planting projects. If ~~the irrigation is deemed~~ planned, then please provide the cost of the installation and for the three lengths of warranty ~~and maintenance for both irrigation and non-irrigation system; and~~
 - e) ~~Cost of performance and Payment bond, if required~~
9. An executed Jacksonville Tree Commission's Level 3 Community Organization Tree Planting Program Affidavit. (Exhibit 6).

- a) Grant Agreement template shall be included as part of Exhibit 6.
- E. Applications must be completed by the Application Deadline. More specifically:
 - 1. Applications are deemed complete if all requested and necessary information and documentary proof is provided, as outlined in this document and on the Application.
 - 2. Prior to the submission of an Application, Applicants are strongly encouraged to discuss their conceptual and preliminary ideas with the Tree Commission staff.
 - 3. Applicants may submit their Application to Tree Commission staff for review of completeness of the Application during a courtesy Application review period prior to each Application Deadline. See Section VII of these Instructions for the applicable time frames.
 - 4. Feedback and input from Tree Commission staff may be provided regarding design if time permits.

V. Application Review and Process.

- A. **Staff Review.** The Tree Commission staff will review and prepare a report and recommendation ("Staff Report") for approval, approval with conditions, or denial that will be sent to the Tree Commission, the District Council Member, and the Applicant. The Staff Report shall be based upon the Application and exhibits, and shall include an analysis of each of the Project Evaluation Criteria. The Staff Report will not include a score for each Application.
- B. **Application Presentation.** All Applications shall be presented at a scheduled public meeting held by the Tree Commission, for review, deliberation, and final recommendation. Special meetings may be held if needed at the discretion of the Tree Commission.
 - 1. Each Applicant shall have 10 minutes to present their Application to the Tree Commission at the scheduled public meeting.
 - 2. Commissioners shall receive a copy of all Applications and Staff Reports at least 14 days prior to the Tree Commission meeting when the Applications will be heard.

- C. **Tree Commission Review.** Each Application will be scored by the Tree Commission on a scale of 0 to 115 points. Assuming multiple Applications are received during each Award Session, the Applications will be ranked in order of highest score and included on a recommended Project Priority List submitted to the Mayor's Office for processing through the Mayor's Budget Review Committee ("MBRC") for recommendation to the City Council for the award of Tree Funds for the respective projects. The evaluation of the Application will be based on the criteria set forth below and will receive a score from 0 to 115 possible points. When evaluating each Application, the Tree Commissioners shall utilize the information contained in the Application, including the exhibits, Staff Report and all information obtained during the Applicant's presentation for scoring. Each Commissioner will individually score each Application.
- D. **Project Priority List.** The Assistant General Counsel assigned to the Tree Commission will average the total score for each Application from each Commissioner to arrive at a final score for each Application. The Applications will then be ranked in order of highest average score to the lowest average score, with a total of the funding requested. This ranking will be included in the Tree Commission's Project Priority List to be presented to MBRC for review.
- E. **MBRC Review.** At the earliest MBRC meeting following the ranking of the proposed projects by the Tree Commission, the Tree Commission staff will submit and present the Project Priority List for review and approval through the MBRC process. If the MBRC approves any or all of the projects as presented, or as modified, the Office of General Counsel will prepare the appropriate legislation and Grant Agreement(s) as directed by MBRC for consideration by the Council for funding. In the alternative, MBRC can decide to delay the funding of a proposed project to a later date or decide not to fund a certain project from the Project Priority List. If a proposed project is denied by MBRC, no further action on it shall be taken on the project through the Level 3 Program, however, this does not limit the ability of a Council Member to file legislation to implement a Project utilizing the Tree Fund.

F. **City Council Review.** The legislation containing the Project(s) and Grant Agreement(s) as directed by MBRC will be filed by the Office of General Counsel with the Legislative Services Division for final decision by the City Council of approval, modification, or denial of the project and Grant Agreement, and appropriation of the Tree Funds.

G. **Contract Award.** Upon execution of the completed Grant Agreement by all parties, the Applicant will be eligible for payment of funds approved as part of the Project Cost.

VI. Project Evaluation Criteria.

A. Design Review - 35 point total (5 points each)

1. The species of trees are appropriately located.
2. The number and placement of trees are appropriately located.
3. Trees being planted are approved pursuant to the "Tree Commission Approved Tree Planting List," and as that document is amended from time to time. ~~The list is available at <http://www.ecj.net/departments/public-works/docs/tree-commission/approved-street-trees-eol-final.aspx>. The list is available on the Tree Commission webpage of the Public Works Department of the City of Jacksonville.~~
4. Shade trees are preferred. If non-shade trees are proposed, the use of those trees versus the use of shade trees in terms of the overall project must be acceptable.
5. Less than 25% of the total species of trees being planted are palms.
6. The planting will not interfere with utilities or sight line requirements.
7. The project does not include incidental landscaping. But in the event it does include incidental landscaping, the applicant may justify the reasons for its inclusion.

B. Cost Review - 25 point total (5 points each)

1. Administrative costs are reasonable.
2. Design Consultant fees are reasonable.
3. Construction costs including an itemized amount for the payment and performance bond, if required, are reasonable.

4. Irrigation costs are reasonable.
 5. The cost of the species of trees selected do not outweigh the benefit of the trees
- C. Maintenance and Impacts Review - 10 point total (5 points each)**
1. Low maintenance plants are utilized, that will require minimum maintenance after the period of mandatory maintenance by the Applicant.
 2. The location of plant material and irrigation have a minimum adverse impact over time on infrastructure such as sidewalks and roadbeds.
- D. Public Benefit Review - 25 point total (5 points each)**
1. The species of trees being planted are beneficial to the City's tree canopy.
 2. The Project provides a unique benefit to the neighborhood, Council District, or City.
 3. The Project serves high visibility areas.
 4. The Project engages the Community through volunteers or education or other public engagement.
 5. The Project is aesthetically pleasing and/or combats blight in blighted areas.
- E. Plan-It Geo Objective Criteria Review - 20 point total (4 points each) conducted by staff.** Staff will utilize the Plan-It Geo Web Tool to evaluate the existing conditions of the proposed planting project location. This tool is not based upon and does not include or require uploading the Schematic Design, but rather identifying the geographic boundaries of the project.
1. The location will be evaluated based on the Census Block ranking (1 - 488) developed by Plan-It Geo for the five (5) categories listed below:
 - a) Urban Tree Canopy Percentage
 - b) Stormwater Benefits
 - c) Urban Heat Island
 - d) Socio-Economic Benefits
 - e) Overall-equally weighted criteria, as stated below:

A maximum of 4 points per category is possible. If a project is on the border of two or more Census Blocks, then the average of the census blocks will be applied to determine a score. The ranking and corresponding points are as follows:

- (1) 1st-25th percentile (1-122)- 4 points;
- (2) 26th- 50th percentile (123-244)- 3 points;
- (3) 51st-100th percentile (245-366) 2 points
- (4) 76th-100th (367-488) percentile- 1 point

VII. Application Schedule. The Tree Commission will review and create a recommended Project Priority List for submission to the MBRC for a recommendation to the City Council for project funding three (3) times per year, utilizing the Tree Protection and Related Expenses Trust Fund. The initial Application deadline will be as soon as practicable after approval of this Level 3 Program by the Tree Commission. The Tree Commission's review of projects will follow, if possible, the below schedule. All deadlines are 3:00 PM on the specified date below. If a date listed below falls on a weekend or a legal holiday, the operative date shall be the next business day.

Award Session	Courtesy Application Review Period	Application Evaluation Period		
		Application Deadline	Staff review Deadline	Commission Meeting/Scoring
1	November 1 through 3 weeks prior to Application Deadline	January 2	January 31	February meeting
2	March 1 through 3 weeks prior to Application Deadline	May 1	May 31	June meeting
3	July 1 through 3 weeks prior to Application Deadline	September 1	September 30	October meeting

VIII. Certain Communications Prohibited During Application Evaluation Period.

A. During the Application Evaluation Period, an Applicant shall be prohibited from communicating with Tree Commission members, Tree Commission staff, and other City employees involved with the Level 3 Program Application process

regarding an Application submitted by such Applicant. This prohibition shall not apply to the following communications:

1. Communications to the Tree Commission staff regarding matters of process or procedure contained herein or in any related documents;
2. Communications during any publicly noticed meeting under Chapter 286, Florida Statutes, including, but not limited to, Tree Commission meetings and subcommittee meetings; and
3. Communications necessary and solely related to the ordinary course of business concerning an Applicant's existing Level 3 Program Grant Agreement.

JACKSONVILLE TREE COMMISSION'S
Level 3
COMMUNITY ORGANIZATION TREE PLANTING PROGRAM

Application

A. Qualifications: Applicants must meet the qualifications and attach the required documents as specified in the Jacksonville Tree Commission's Level 3 Community Organization Tree Planting Program.

B. General Information:

1. Legal Name of Organization: _____
2. Organization Mailing Address: _____
3. Name & Title of Project Director/Administrator: _____
4. Contact Phone Number: _____
5. Contact Email Address: _____
6. Attach Proof of Eligibility as **EXHIBIT 1**.
7. Attach Corporate Resolution Certification as **EXHIBIT 2**.
8. Has the Applicant received an award or contract for a project from the City in the past? _____
 - a. If yes, has the Applicant performed the projects awarded by the City? _____
9. Has the Applicant been a past recipient of funds appropriated from the Tree Protection and Related Expenses Trust? _____
 - a. If yes, has the Applicant submitted all the required documentation now due from the previously funded projects? _____

10. Has the Applicant ever been on the Council Auditor's Non-Compliance List? _____
a. If so, please explain: _____

11. Project Partner Organizations & Businesses/Other Entities Collaborating: _____

12. Location/Address of Planting Project: _____

13. Have You Gained Approval From Public Property Owner/Administrator of Planting Site? _____

- a. Please identify the department or agency that operates the property: _____
- b. Attach Authorization to Plant Trees as **EXHIBIT 3**.

14. Have you shared information about the project with the planting project location's City Council representative in writing? _____

- a. Please provide copy of correspondence

15. Anticipated number of volunteers & staff participating in planting project and describe activities:

16. Project Revenues (Matching): Please list known and anticipated sources of funding for the proposed project from all funding sources. Please include whether the funds are collected or committed: _____

C. Project Design and Narrative:

For a complete outline of the criteria the Tree Commission evaluates, please refer to the Instructions. Please make sure, at a minimum, your Project Design and Narrative answers all of the criteria.

- 1. Provide the number, species, and specific location of the design by:
 - a. Uploading the proposed design to <https://pg-cloud.com/JacksonvilleFL/#home> or through a similar visual design of the project; and
 - b. Attaching as **EXHIBIT 4**, the following:
 - i. Schematic Planting Plan including Location Map;
 - ii. Plant Schedule;

- iii. Scope of Work; and
 - iv. Performance Schedule.
 - c. The Tree Commission Approved Tree Planting List can be found here: <http://www.eoj.net/departments/public-works/docs/tree-commission/approved-street-trees-eofinal.aspx> on the Tree Commission webpage of the Public Works Department of the City of Jacksonville.
2. Rationale for Project, including the public benefit: _____
 3. Total Project Budget in Spreadsheet.
 - a. Provide line item expenses for all aspects of project within the following categories, and attach as **EXHIBIT 5**.
 - i. Administrative costs; _____
 - ii. Design Consultant fee; _____
 - iii. Construction cost; _____ ~~and~~
 - iv. Irrigation cost; _____
 - v. Cost of payment and performance bond, if required. _____
 - b. Total amount of award requested: _____
 - c. Any other sources of funding (collected or committed): _____
 4. Maintenance Analysis.
 - a. Describe impacts from the species being planted on public infrastructure (roads, sidewalks, drainage system) and utility infrastructure (above and below surface), with special attention to proposed species bi-products that require enhanced maintenance (fruiting, roots): _____
 - b. Describe any extra maintenance that will be required to retain good appearance of trees based upon the location of such trees (i.e. if fruiting trees will be near pedestrian or vehicular traffic areas): _____
 - c. Describe the watering or irrigation plan for the Planting Project: _____
 5. Operations Analysis.
 - a. Describe the requirements to keep planted trees healthy: _____
 - b. Describe irrigation requirements, and if any is required beyond the first year: _____

6. Identify the rationale for planting certain trees in certain place, i.e. "the right tree, right place" analysis: _____. Any deviations from the Tree Commission Approved Tree Planting List must be pre-approved by the Commission.
7. Attach the Jacksonville Tree Commission's Level 3 Community Organization Tree Planting Program Affidavit as **EXHIBIT 6**.
8. Any other information Applicant deems important to the Application: _____.

DRAFT

**JACKSONVILLE TREE COMMISSION'S
Level 3
TREE PLANTING PROGRAM
APPLICATION FORM EXHIBIT LIST**

EXHIBIT 1 – Proof of Eligibility

EXHIBIT 2 – Corporate Resolution Certification

EXHIBIT 3 – Authorization to Plant Trees

EXHIBIT 4 – Schematic Planting Plan, including Location Map, Plant Schedule, Scope of Work, and
Performance Schedule

EXHIBIT 5 – Cost Breakdown

EXHIBIT 6 - Level 3 Program Affidavit, including the Grant Agreement template

PROOF OF APPLICANT ELIGIBILITY

DRAFT

EXHIBIT 1

CORPORATE RESOLUTION CERTIFICATION

The undersigned, Secretary of _____ [insert agency name], a _____ Florida
_____ corporation ("*Corporation*"), does hereby certify that the following
Resolutions were adopted by the Corporation at a meeting of the Board of Directors of the
Corporation held on _____, 20__:

RESOLVED THAT [insert name of signatory] _____, the
_____ [insert title of signatory] _____ of the Corporation
 ("*Authority*") is hereby authorized and empowered to execute on behalf of the Corporation any
and all Agreements between the City of Jacksonville, Florida ("*City*") and the Corporation for the
purpose of receiving funds from the City for a tree planting project related to the Jacksonville Tree
Commission's Level 3 Community Organization Tree Planting Program ("*Project*"), and to
execute any and all documents necessary in connection with the Project.

FURTHER RESOLVED THAT in addition to and without limiting the foregoing, that the
Authority of the Corporation be, and hereby is, authorized to take, or cause to be taken, such
further action, and to execute and deliver, or cause to be delivered, for and in the name and on
behalf of the Corporation, all such instruments and documents as the Authority may deem
appropriate in order to effectuate the Grant Agreement and any documents or instruments
executed in the accomplishment of any action or actions authorized as stated herein shall be
deemed to be conclusive approval thereof by this Corporation and the binding act and obligation
of this Corporation.

DATED: _____ 20__
_____ CORPORATE SECRETARY

AUTHORIZATION TO PLANT TREES

On the ___ day of _____, 20___, the Applicant, _____, submitted an application for the Jacksonville Tree Commission's Level 3 Community Organization Tree Planting Program ("Application") to plant trees on the following property, located at: _____, RE #: _____ (attach an additional sheet if necessary) ("Property").

The Property is public land in Duval County and is owned or controlled by (e.g. City, State of Florida, United States, Independent Agency of the City of Jacksonville, or other public entity) _____ and is a (e.g. right of way, park, school, etc.) _____ managed by (e.g. Parks & Recreation, Public Works, Development Services Division, School Board, Superintendent, etc.) _____.

I, _____, as the (position) _____, in the (department and division) _____ have reviewed the Application and I have the authority to authorize the Project to be conducted on the Property in the event the Project is approved.

This Authorization is limited to the Application as submitted on the above referenced date. This authorization does not bind the City to award funds from the Tree Protection and Related Expenses Trust Fund and this Authorization is subject to revocation should the Application materially change from the date of submission.

Signature _____

Print Name _____ Agency, Department, Division _____

Phone: _____

Email: _____

**LOCATION MAP,
SCHEMATIC PLANTING PLAN,
PLANT SCHEDULE,
SCOPE OF WORK, AND
PERFORMANCE SCHEDULE**

DRAFT

EXHIBIT 4

COST BREAKDOWN

Administrative Fees

Design Consultant Fees

Construction

Irrigation Cost

Payment and Performance Bond, if required



JACKSONVILLE TREE COMMISSION'S
LEVEL 3
COMMUNITY ORGANIZATION TREE PLANTING PROGRAM
AFFIDAVIT FORM

BEFORE ME, the undersigned authority, personally appeared _____,
who was sworn and says:

1. My name is _____ and I am the [note: the individual executing this affidavit must be the executive director, chief executive or operating officer, president, vice president or board chairman] _____ of _____, a Florida _____, a Florida _____ ("Applicant") and I have personal knowledge of the matters stated herein.
2. The Applicant is an Eligible Applicant, as defined in the Jacksonville Tree Commission's Level 3 Community Organization Tree Planting Program Instructions document.
3. The Applicant is in compliance with the terms of all existing City agreements to which it is a party.
4. The Applicant is in compliance and will comply with all federal, state, local laws, rules, regulations and ordinances, as the same may exist from time to time, applicable to it.
5. If the application is approved for funding, the Applicant will execute a Grant Agreement between the City of Jacksonville and the Applicant, in substantially the same form as the Grant Agreement provided ~~at the following website:~~ _____ on the Tree Commission's webpage of the Public Works Department of the City of Jacksonville.

Signature of Affiant _____
Print Name: _____

STATE OF FLORIDA
COUNTY OF DUVVAL

Sworn to and subscribed before me, this _____ day of _____, 20____, by: Said person is
person is personally known OR produced identification.

Notary Public _____
(Seal)

EXHIBIT 6

DRAFT

TREE PLANTING PROGRAM (LEVEL 3) GRANT AGREEMENT

THIS TREE PLANTING PROGRAM (LEVEL 3) GRANT AGREEMENT (“*Agreement*”) is made and is effective as of _____, 20__ (the “*Effective Date*”), by and among the **CITY OF JACKSONVILLE**, a consolidated political subdivision and municipal corporation existing under the laws of the State of Florida (the “*City*”) and _____ (the “*Contractor*”).

RECITALS:

WHEREAS, pursuant to _____, the Jacksonville Tree Commission (“*Commission*”) established the Level 3 Community Organization Tree Planting Program (the “*Program*”), which program provides the process to apply for an appropriation by the City for project funding to local community and not-for-profit organizations to design, manage and implement tree planting projects on publically owned land within Duval County that will conserve and enhance the City’s tree canopy;

WHEREAS, the Contractor applied through the Commission to the City to receive project funding under the Program for the tree planting project more particularly described in Contractor’s project application; and

WHEREAS, the City has approved Contractor’s project application request and pursuant to Ordinance _____ has agreed to fund Contractor’s tree planting project subject to the terms and conditions provided herein.

NOW, THEREFORE, in consideration of the covenants and agreements set forth in this Agreement, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree as follows.

ARTICLE I
Incorporation of Recitals; Definitions

1.1 The parties hereto acknowledge and agree that the recitals above are correct and incorporated herein by this reference.

1.2 All capitalized terms shall have the meanings given to them in this Agreement, including, but not limited to, the capitalized terms defined below:

“*Application*” shall mean Contractor’s application under the Program as recommended for approval by the Commission, a copy of which is on file with the Commission.

“*City Tree Planting Standards and Specifications*” shall mean the City tree planting standards and specifications contained on Exhibit F attached hereto.

“*Construction Documents*” shall mean the Design Plans along with any modifications thereto.

ARTICLE IV
Project Performance Schedule

4.1 The Contractor and the City have jointly established the Project Performance Schedule. The Contractor shall timely perform its obligations set forth on the Project Performance Schedule. The Project Performance Schedule shall not be modified without the prior written consent of the City, which consent may be withheld in its sole discretion.

ARTICLE V
Completion of Project

5.1 Completion of the Project. The Contractor shall complete construction of the Project Scope by no later than _____, 20__ (the "*Project Completion Date*"). For purposes of this Agreement, completion of the Project Scope shall be deemed to have occurred only when the following conditions (the "*Project Completion Conditions*") shall have been satisfied:

(a) The Contractor shall furnish to the City certificate of substantial completion from the **Design Consultant** to establish to the City's satisfaction that the Project Scope has been properly completed and is not subject to any violations or uncorrected conditions noted or filed in any City department;

(b) The Contractor shall submit to the City a proper contractor's final affidavit and full and complete releases of liens from each contractor, subcontractor and supplier, or other proof satisfactory to the City, confirming that final payment has been made for all materials supplied and labor furnished in connection with the Project Scope;

(c) The Project Scope shall have been finally completed in all respects in accordance with the Design Plans, as verified by a final inspection report satisfactory to the City, certifying that the Project Scope has been constructed in a good and workmanlike manner and is in satisfactory condition. In the event the City determines that there is a deficiency with the Project Scope, the City reserves the right to require that an escrow be established in an amount satisfactory to the City to remedy such deficiency.

5.2 Change Orders. No material amendment shall be made to the Design Plans or the Construction Documents executed in connection with the Project Scope nor shall any material change orders be made by Contractor thereunder without the prior written consent of the City.

5.3 Subcontractors. The Contractor agrees that it will not engage or continue to employ, or permit any of its general contractors to engage or continue to employ, any contractor, subcontractor or materialman or any other third party who may be reasonably objectionable to the City. If requested by the City, the Contractor shall deliver to the City a fully executed copy of each of the agreements between the Contractor and such third parties and between any such general contractor and any contractor, subcontractor or materialman or any other third party,

EXHIBIT E
Additional Terms

Contractor agrees to adhere to the following additional terms during this Agreement:

1. Contractor will abide by the City of Jacksonville specifications for the planting of trees, incidental landscaping and design and installation of irrigation;
2. Contractor's tree planting project ("Project") will be reviewed by a City Landscape Architect and designed by a qualified professional such as a Florida Landscape Architect, urban forester, Certified Arborist, landscape designer, or other professional who has at least five (5) years of experience in the design, administration and inspection of public tree planting projects;
3. Contractor will provide the City with a warranty for a time period of either three (3) months one (1) year, or two (2) years to maintain all Project trees after planting. The City shall determine the required length of the warranty period on a per project basis;
4. Contractor agrees that the Project shall be secured by a performance and payment bond as required by Sec. 255.05, Florida Statutes, in an amount not less than the total amount of the Project. After the planting is completed, inspected and approved by the City, Contractor shall secure the Project with a performance bond for warranty of the project material in an amount of 15% of the total cost of the job for a time period not to exceed two (2) years, based upon the time period determined in the above Paragraph 3 of this Exhibit E. The City shall determine the required length of the performance and payment bond on a per project basis;
5. Contractor will be paid from the awarded funds on monthly basis according to invoices presented and the percentage complete of each task, such as design, construction, and contract administration.
6. Contractor shall provide copies of at least three (3) bid responses from subcontractors. No bid response from a subcontractor may be considered a response for purposes of satisfying the three (3) bid response requirement in this section. The City has the right to compare the cost of the bids to the cost proposed by the City's Continuous Tree Contractor, and determine, at its sole discretion, to utilize the City's Continuous Tree Contractor for construction of the project.
7. Unless otherwise approved by the Tree Commission, Contractor agrees that the Project trees shall be contained on the Tree Commission's Approved Tree Planting List.
8. Unless otherwise approved by the Tree Commission, Contractor agrees that only Florida Fancy or Florida #1 grade specimens shall be planted <https://www.freshfromflorida.com/Divisions-Offices/Plant-Industry/Business-Services/Florida-Grades-and-Standards-for-Nursery-Plants-2015>.
9. As part of the final task, Contractor shall upload the as-built design in to the Plan-It GEO application/software which may be accessed by: <https://dg-cloud.com/JacksonvilleFL/>.
10. Contractor shall adhere to the specifications for the installation are attached as "Specifications for Jacksonville Tree Commission's Level 3 Community Organization Tree Planting Program"

1 Introduced by Council Member Crescimbeni and Co-sponsored by
2 Council Members Newby and Boyer:

Attachment G

3
4
5 **ORDINANCE 2019-89**

6 AN ORDINANCE APPROPRIATING \$1,000,000.00 FROM
7 THE TREE PROTECTION AND RELATED EXPENSES TRUST
8 FUND, SUBFUND 15F, FOR A COUNTY-WIDE PROGRAM
9 ENTITLED "LEVEL 2 TREE PLANTING PROGRAM" TO
10 PROVIDE TREE PLANTING ON PUBLIC LAND IN DUVAL
11 COUNTY SUGGESTED BY INDIVIDUALS OR GROUPS AND
12 ADMINISTERED BY THE CITY; APPROVING, AND
13 REQUESTING THE MAYOR, OR HIS DESIGNEE, TO
14 DIRECT THE DEPARTMENT OF PUBLIC WORKS TO
15 ADMINISTER THE PROGRAM IN ACCORDANCE WITH THE
16 CRITERIA HEREIN PROVIDED; PROVIDING A
17 CARRYOVER OF FUNDS INTO SUBSEQUENT FISCAL
18 YEARS; PROVIDING AN EFFECTIVE DATE.
19

20 **WHEREAS**, the Tree Commission, an advisory body of the City of
21 Jacksonville formed to encourage and coordinate the efforts of the
22 various public and private entities that are concerned with the
23 conservation and enhancement of the City's Tree Canopy, voted to
24 recommend a tree planting program to be administered by Public
25 Works, now therefore

26 **BE IT ORDAINED** by the Council of the City of Jacksonville:

27 **Section 1. Appropriation for Tree Replacement Program.**

28 For the 2018-2019 fiscal year, within the City's budget, there
29 are hereby appropriated the indicated sum(s) from the account(s)
30 listed in subsection (a) to the account(s) listed in subsection
31 (b):

1 same form as attached hereto as Exhibit 1, which will be
2 available on the Tree Commission website;

3 3. It is preferred, but not required, that the request be at
4 least in a schematic format for locations and species of tree;

5 4. The number of trees requested may not exceed 200;

6 5. The Public Works Department certified City Arborist shall
7 approve the schematic design proposed, or generate a design
8 for implementation;

9 6. Upon receipt or generation of a schematic design for a
10 planting project, the Department of Public Works shall provide
11 a copy of same to the District Council Member representing the
12 location of the project;

13 7. The request shall be heard by the Tree Commission for a
14 recommendation to the Mayor's Budget Review Committee for
15 approval; and

16 8. The project shall be administered by the Public Works
17 Department which may be separately bid the project, or may
18 utilize the City's Continuous Tree Contractor.

19 **Section 3. Oversight Department.** The Public Works
20 Department shall oversee the Program described herein. The trees
21 that are planted, or removed as part of the project, shall be
22 recorded electronically on Plan-it GEO, or its equivalent, and
23 shall note the species and size of each, as well as the date of
24 planting or removal, and this Ordinance number.

25 **Section 4. Carryover.** The funds appropriated in this
26 ordinance shall not lapse but shall carryover to subsequent fiscal
27 years.

28 **Section 5. Effective Date.** This ordinance shall become
29 effective upon signature by the Mayor or upon becoming effective
30 without the Mayor's signature.
31

**LEVEL 2 COMMUNITY ORGANIZATION
TREE PLANTING PROGRAM**

The form below provides individual citizens and organizations with the opportunity to suggest a location for a tree planting project within Duval County that proposes to use funds from the City of Jacksonville Tree Protection and Related expenses Trust Fund. If a citizen or organization is interested in suggesting a planting location for the City to implement, then this form should be used.

Requirements to utilize this Program:

1. The location of the proposed planting must be:
 - a. In Duval County; and
 - b. On public property, such as a road right-of-way; a local, state or national park; Duval County School Board property, etc.
2. The number of trees requested may not exceed 200.

The following information must be provided:

1. Name/Title of Project: _____
2. Legal Name of Organization/Citizen Making Suggestion:

3. Organization or Citizen Mailing Address:

4. Contact Phone Number: _____ Email: _____
5. Location/Address of Planting Project:

6. Has project information been shared with the Council Member of the district? _____
7. Rationale for Project (include information about the public benefit of the project):

8. Description of project:

If a citizen/organization is interested in proposing a project that they want to administer and implement, a more comprehensive application (Level 3) can be found at the following link: <http://www.coj.net/departments/public-works/tree-commission>.

**City of Jacksonville, Florida
Request for Budget Transfer Form**

Public Works / Mowing and Landscape Maintenance
Department or Area Responsible for Contract / Compliance / Oversight

CW
Council District(s)

Reversion of Funds: PWOD15FTP - 09910
(if applicable) Subfund / Indexcode / Subobject / Project Prj-Dtl / Grant Grt-Dtl

Subfunds 15F is all-years
Fiscal Yr(s) of carry over (all-years funds do not require a carryover)

Section of Code Being Waived (if applicable): N/A

CIP (yes or no): No

Justification for Waiver

N/A

Justification for / Description of Transfer:

To appropriate \$1,000,000.00 from the portion of the Tree Protection and Related Expenses Trust Fund that is generated from tree mitigation requirements in Part 12 of the Zoning Code (15F) for a tree planting project known as Level 2 Tree Planting Program. The Level 2 Tree Planting Program will provide tree planting suggested by individuals or groups throughout the City.

Total Amount Appropriated: \$1,000,000.00

CITY COUNCIL

Requesting Council Member: _____

CM's District: _____

Requesting Council Member: _____

CM's District: _____

Prepared By: _____

Ordinance: _____

OFFICE OF THE MAYOR

BUDGET ORDINANCE TRANSFER DIRECTIVE

TD / BT Number: _____

	Date Rec'd.	Date Fwd.	Approved	Disapproved
Department Head				
Mayor's Office				
Accounting Division				
Budget Division				

Date of Action By Mayor: _____

Approved: _____

Division Chief: Dave McDaniel, Chief of Mowing and Landscape Maintenance

Date Initiated: 2/21/19

Prepared By: Lee Dupree

Phone Number: 255-8508

Initiated / Requested By (if other than Department): _____

**CITY COUNCIL RESEARCH DIVISION
LEGISLATIVE SUMMARY**

JEFFREY R. CLEMENTS
Chief of Research
(904) 630-1377

117 West Duval Street
City Hall, Suite 425
Jacksonville, FL 32202
FAX (904) 630-3403



Bill Type and Number: Ordinance 2019-89

Sponsor: Council Member Crescimbeni

Date of Introduction: February 12, 2019

Committee(s) of Reference: NCSPHS; TEU; F

Date of Analysis: January 15, 2019

Type of Action: Appropriation

Bill Summary: This ordinance appropriates \$1,000,000.00 from the Tree Protection and Related Expenses Trust Fund, Subfund 15F, for a county-wide program entitled "Level 2 Tree Planting Program" to provide tree planting on public land in Duval County suggested by individuals or groups and administered by the City; the ordinance approves and requests the Mayor to direct the Department of Public Works to administer the program in accordance with the criteria provided; the ordinance provides for a carryover of funds into subsequent fiscal years.

Background Information: The Tree Planting Program proposal emanated from deliberations of the City's Tree Commission. Level 1 of the Tree Planting Program provided for the planting of trees in circumstances where the City has had to remove trees for safety or other reasons; trees had to be removed because they were diseased or dying; trees were damaged by vehicular accidents or the weather. Level 1 in the Tree Planting Program involves the replacement of trees. Level 2 of the Tree Planting Program provides for the planting of trees on public property at the request of citizens or groups. The proposed tree planting would have to be on public property such as a road right-of-way, a local, state or national park or Duval County School Board property. The number of trees requested cannot exceed 200. The City's Arborist has to approve the schematic design proposed. The District Council Member must be apprised of the tree planting. The Tree Commission has to review the tree planting request and make a recommendation to the Mayor's Budget Review Committee for approval. The project shall be administered by the Public Works Department. All of the tree planting projects must be within Duval County.

Policy Impact: Conservation and enhancement of the City's tree canopy.

Fiscal Impact: The ordinance appropriates \$1,000,000.00 from the Tree Protection and Related Expenses Trust Fund.

Analyst: Jackson

Level 2 Community Organization Tree Planting Program

Application Checklist

Activity	Complete
1 The species of trees are appropriately located.	
2 The number and placement of trees is appropriate.	
3 Trees being planted are approved pursuant to the ' <u>Tree Commission Approved Tree Planting List</u> .'	
4 Shade Trees are preferred; if non-shade trees are proposed, the use is appropriated/acceptable.	
5 The planting will not interfere with utilities or sight line requirements.	
6 The project does not include incidental landscaping. If so, the applicant must justify the reason for its inclusion.	
7 Construction and irrigation costs (if applicable) are reasonable.	
8 The cost of the species of trees selected do not outweigh the benefits of the trees.	
9 Low maintenance plants are utilized.	
10 Location of plant material and irrigation has minimum adverse impact over time on infrastructure such as walks and roads.	
11 Species of trees being planted are beneficial to the City's tree canopy.	
12 The project provides unique benefit to the neighborhood, Council District, or City.	
13 The project has been reviewed with and meets the needs of the requesting entity.	
14 The project has been reviewed by the Councilmember.	

OSC Scoring results per 4/11/19 score sheets from Commissioners:

*C. McCombini
Pappas
Flapp
R. Robinson*

JACKSONVILLE'S TREE COMMISSION

Level 2

COMMUNITY ORGANIZATION TREE PLANTING PROGRAM

APPLICATION SCORE SHEET

M. R. Robinson

Project Title: Tree Hill Amphitheater Tree Planting

Attachment I

A. Design Review	Approved	Approved w/ Conditions	Denied
1. The species of trees are appropriately located.	5		
2. The number and placement of trees are appropriately located.	5		
3. Trees being planted are approved pursuant to the "Tree Commission Approved Tree Planting List."	5		
4. Shade trees are preferred. If non-shade trees are proposed, the use of those trees versus the use of shade trees in terms of the overall project must be acceptable.	5		
5. Less than 25% of the total species of trees being planted are palms.	1	3	1
6. The planting will not interfere with utilities or sight line requirements.	5		
7. The project does not include incidental landscaping. If so, the applicant must justify the reasons for its inclusion.	5		
Comments:			

Everyone commented on this. One Commissioner wondered why shade trees would be acceptable the walk just as well as palms

B. Cost Review	Approved	Approved w/ Conditions	Denied
1. Construction costs are reasonable.	5		
2. The irrigation costs are reasonable.	3	1	
3. The cost of the species of trees selected do not outweigh the benefit of the trees	4	1	
Comments:			

*Irrigation was not included.
Cost of individual trees looked high.*

Project Title: Tree Hill Amphitheater Tree Planting

C. Maintenance and Impacts Review

	Approved	Approved w/ Conditions	Denied
1. Low maintenance plants that will require minimum maintenance are utilized.	5		
2. The location of plant material and irrigation have a minimum adverse impact over time on infrastructure such as sidewalks and roadbeds.	4		

Comments:

No comment was provided as to why the commission did not score this criterion.

D. Public Benefit Review

	Approved	Approved w/ Conditions	Denied
1. The species of trees being planted are beneficial to the City's tree canopy.	5		
2. The Project provides a unique benefit to the neighborhood, Council District, or City.	5		
3. The Project serves high visibility areas.	5		
4. The Project is aesthetically pleasing and/or combats blight in blighted areas.	5		

Comments:

PART 12. - LANDSCAPE AND TREE PROTECTION REGULATIONS

SUBPART A. - GENERAL PROVISIONS

Sec. 656.1201. - Short Title; Charter Cross-Reference.

Part 12 shall be known and may be cited as the Landscape and Tree Protection Regulations. All requirements in Article 25 of the Charter of the City of Jacksonville, *Minimum Standards for Tree Protection, Conservation and Mitigation During Development* shall be met *in addition* to the Landscape and Tree Protection Regulations in this Part 12.

(Ord. 91-59-148, § 1; Ord. 2008-910-E, § 1)

Sec. 656.1202. - Declaration of legislative intent and public policy.

It is the intent of these regulations to promote the health, safety and welfare of the current and future residents of the City of Jacksonville by establishing minimum standards for the conservation of water, the protection of natural plant communities, the installation and continued maintenance of landscaping, and the protection of trees within the City of Jacksonville in order to:

- (a) Improve the aesthetic appearance of commercial, governmental, industrial, and residential areas through the incorporation of landscaping into development in ways that harmonize and enhance the natural and manmade environment;
- (b) Improve environmental quality by recognizing the numerous beneficial effects of landscaping upon the environment, including:
 - (1) Improving air and water quality through such natural processes as photosynthesis and mineral uptake;
 - (2) Maintaining permeable land areas essential to surface water management and aquifer recharge;
 - (3) Reducing and reversing air, noise, heat and chemical pollution through the biological filtering capacities of trees and other vegetation;
 - (4) Promoting energy conservation through the creation of shade, thereby reducing heat gain in or on buildings or paved areas;
 - (5) Reducing the temperature of the microclimate through the process of evapotranspiration; and

Draft for revisions by Tree Commission 2019 GC-#1259019-v3-
Complete_Landscape_Code_for_revisions_2019 (2).DOC

- (6) Encouraging the conservation of water through the use of site specific plants, various planting and maintenance techniques, and efficient watering systems.
- (c) Provide direct and important physical and psychological benefits to human beings through the use of landscaping to reduce noise and glare, and to break up the monotony and soften the harsher aspects of urban development;
- (d) Establish procedures and standards for the administration and enforcement of this Part;
- (e) Promote the creative site development concepts in order to promote water and energy conservation;
- (f) Increase and maintain the value of land by requiring a minimum amount of landscaping to be incorporated into development;
- (g) Preserve existing natural trees and vegetation and incorporate native plants, plant communities and ecosystems into landscape design where possible;
- (h) Promote landscaping methods that provide for the preservation of existing plant communities, re-establishment of native plant communities, use of site specific plant materials, use of pervious paving materials, and Florida-Friendly concepts in order to promote water conservation.
- (i) Assist in public information, the education of its citizens, and the effective implementation of this Part.
- (j) Promote Best Management Practices (BMPs) by establishing standards for irrigation systems without inhibiting creative landscape design.
- (k) Facilitate the implementation of Florida-Friendly concepts by offering flexibility and incentives in Florida-Friendly landscape design for new single-family residential developments.

(Ord. 91-59-148, § 1; Ord. 93-718-395, § 1; Ord. 2009-864-E, § 1; Ord. 2011-74-E, § 1)

Sec. 656.1203. - Definitions.

For purposes of this Part, in addition to the following terms or words, the definitions provided for in Part 16 shall apply. If the definitions contained in this Section at any time conflict with the definitions contained in Part 16, the more restrictive definition(s) shall apply. As used in this Part:

- ~~(a)~~ *Annual consumptive use* means the yearly amount of water applied to the landscape.

- ~~(b)~~ *Automatic controller* means a mechanical or digital electronic timer, capable of operating valve stations to set the days and length of time of a water application.
- ~~(e)~~ *Bona-fide agricultural purposes* means the use of land for bona fide agricultural purposes as described in F.S. § 193.461, provided the land is classified for assessment purposes by the property appraiser as "agricultural", pursuant to F.S. Ch. 193.
- ~~(d)~~ *Buffer yard or strip* means a strip of land, identified on a site plan or by zoning ordinance requirement, established to protect one type of land use from another land use that may be incompatible. The area is landscaped, maintained and kept in open space.
- ~~(e)~~ *Caliper* means the trunk diameter of ~~planted trees to be~~ planted. Caliper shall be measured six inches above the ground for trees up to and including four inches in caliper, and measured 12 inches above the ground for trees exceeding four inches in caliper. If the tree has a very enlarged irregular base, then the caliper measurement shall be taken up where the trunk has a more regular circumference, but in no case higher than four and one-half feet above the ground. If the tree forks between ground level and one foot above ground level, then the tree shall be considered a multi-trunked tree. Caliper for multi-trunked trees shall be determined by measuring each trunk immediately above the fork and adding the total caliper of the four largest trunks. (See also and compare definition of DBH (Diameter Breast Height) ~~in subsection (nn)~~ of this Section.)
- Certificate of Exemption* means documentation from the Chief of the Building Inspection Division that a tree meets the criteria of Sec. 656.1204(b), Ordinance Code.
- ~~(f)~~ *Cultivated landscape area* means planted areas that are frequently maintained by mowing, irrigating, pruning, fertilizing, etc.
- ~~(g)~~ *Development* means any proposed material change in the use or character of the land, including, but not limited to, land clearing associated with new construction, the placement of any structure or site improvement on the land, or expansion of existing buildings.
- ~~(h)~~ ~~*Drip line* means a vertical line extending from the outermost branches of a tree to the ground.~~
- ~~(i)~~ *Ecosystem* means a characteristic assemblage of plant and animal life with a specific physical environment, and all

interactions among species and between species and their environment.

- ~~(j)~~ *Emitter devices* means devices which are used to control the applications of irrigation water. This term is primarily used to refer to the low flow rate devices used in microirrigation systems.
- ~~(k)~~ *Ground cover* means a low-growing herbaceous or woody plant other than turf, not over two feet high, used to cover the ground.
- ~~(l)~~ *Hedge* means a landscape barrier consisting of a continuous, dense planting of shrubs.
- ~~(m)~~ *Infiltration rate* means the rate of water entry into the soil expressed as a depth of water per unit of time (inches per hour).
- ~~(n)~~ *Irrigation system* means a permanent, artificial watering system designed to transport and distribute water to plants.
- Irrigation system, automatic means
- ~~(o)~~ *Landscaped area* means the entire parcel less the building footprint, driveway, nonirrigated portions of parking lots, hardscapes such as decks and patios, and other nonporous areas. Water features are included in the calculation of the landscaped area.
- ~~(p)~~ *Landscaping* means any combination of living plants (such as grass, groundcover, shrubs, vines, hedges, or trees) and nonliving landscape material (such as rocks, pebbles, sand, mulch, walls or fences).
- ~~(q)~~ *Microirrigation (low volume)* means the frequent application of small quantities of water directly on or below the soil surface, usually as discrete drops, tiny streams, or miniature sprays through emitters placed along the water delivery pipes (laterals). Microirrigation encompasses a number of methods or concepts including drip, subsurface bubbler, and spray irrigation.
- ~~(r)~~ *Mulch* means nonliving organic materials customarily used in landscape design to retard erosion and retain moisture.
- ~~(s)~~ *Native vegetation*. See Vegetation, native.
- ~~(t)~~ *Naturally occurring existing plant communities*. See Vegetation, native.
- ~~(u)~~ *Open space* means all areas of natural plant communities or areas replanted with vegetation after construction, such as revegetated natural areas; tree, shrub, hedge or ground cover planting areas; and lawns, and all other areas required to be

Comment [A1]: Suggest adding

Comment [A2]: Is this the correct way to describe?

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provided as natural ground and landscaping pursuant to the Zoning Code.

- ~~(v)~~ *Perimeter landscape* means a continuous area of land which is required to be set aside along the perimeter of a lot in which landscaping is used to provide a transition between and to reduce the environmental, aesthetic and other impacts of one type of land use upon another.
- ~~(w)~~ *Pervious paving materials* means a porous asphaltic or concrete surface and a high-void aggregate base which allows for rapid infiltration and temporary storage of rain on, or runoff delivered to, paved surfaces.
- ~~(x)~~ *Plant community* means a natural association of plants that are dominated by one or more prominent species, or a characteristic physical attribute.
- ~~(y)~~ *Preserve areas* means vegetative areas required to be preserved under the jurisdiction of the Florida Department of Environmental Regulation, St. Johns River Water Management District and/or the United States Army Corps of Engineers or other regulatory agencies.
- ~~(z)~~ *Reserved.* [the following definitions will be inserted in alphabetical order within the above definitions by the Codifiers]
- ~~(aa)~~ *Runoff water* (also, stormwater) means water from rainfall and irrigation systems which is not absorbed by the soil or landscape to which it is applied and flows from the area, often contaminated with pesticides, fertilizers, and other pollutants.
- ~~(bb)~~ *Protected tree* includes all of the following:
- (1) ~~*Private protected tree* means any tree with a DBH of six inches or more located on any lot within 20 feet of a street right-of-way (including an approved private street or other access easement) or a tree with a DBH of eight inches or more located within ten feet of any other property line, or a tree with a DBH of 11.5 inches or more located elsewhere on the lot. located on a non-governmentally owned lot meeting any of the following criteria:~~
- (i) A DBH of six inches or more located on any lot within 20 feet of a street right-of-way (including an approved private street or other access easement);
- (ii) A DBH of eight inches or more located within ten feet of any other property line; or

Comment [A3]: Suggest adding.

(iii) A DBH of 11.5 inches or more located elsewhere on the lot.

(2) *Public protected tree* means any tree located on lands owned by the City, or other governmental agencies or authorities, or any land upon which easements are imposed for the benefit of the City, or other governmental agencies or authorities, or upon which other ownership control may be exerted by the City, or other governmental agencies or authorities, including rights-of-way, parks, conservation easements, public areas and easements for drainage, sewer, water and other public utilities, with:

(i) A DBH of six inches or more located within a City or other governmental right-of-way, or

(ii) A DBH of six inches or more and located on any lot within 20 feet of a street right-of-way, or

(iii) A DBH of eight inches or more located on any lot within ten feet of any other property line, or

(iv) A DBH of 11.5 inches or more located elsewhere on the lot.

(3) *Exceptional specimen tree* means any hardwood tree, other than an invasive exotic species, with a DBH of 24 inches or greater.

(4) Any tree, regardless of size that was planted or preserved to meet mitigation, landscaping requirements of this Part 12 or as a condition of a Planned Unit Development, or any tree planted using Tree Fund monies. See also, Sec. 656.1206(g) (7), Ordinance Code.

~~(ee)~~ *Scenic and historic corridors* means any street right-of-way, including approved private streets, which is so designated by the Council, pursuant to ~~the procedures hereinafter established and adopted by Council Chapter 305, Ordinance Code,~~ as a result of its special historic, architectural, archaeological, aesthetic or cultural interest and value to the citizens of Jacksonville. The Chief shall maintain a list which specifies the location and boundaries of all corridors so designated.

~~(dd)~~ *Shrub* means a self-supporting woody perennial plant characterized by multiple stems and branches continuous from the base naturally growing to a mature height between two and 12 feet.

~~(ee)~~ *Site specific plant* means a selection of plant material that is particularly well suited to withstand the physical growing conditions that are normal for a specific location.

Comment [A4]: Question: If the adjacent landowner plants a tree on the R/W without a permit and it grows to 6" or greater DBH, does it then become protected? According to this it does.

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- ~~(ff)~~ *Soil texture* means the classification of soil based on the percentage of sand, silt, and clay in the soil.
- ~~(gg)~~ *Tree* means a self-supporting woody plant having a single trunk or a multi-trunk of lower branches, growing to a mature height of at least 12 feet in northeast Florida.
- ~~(hh)~~ ~~*Tree-palm*~~ *Palm Tree* means an evergreen plant of the Palmaceae family cold hardy in northeast Florida having a single trunk and terminal crown of large pinnate or fan-shaped leaves.
- ~~(ii)~~ *Turfgrass* means continuous plant coverage consisting of grass species suited to growth in the City of Jacksonville.
- ~~(jj)~~ *Understory* means assemblages of natural low-level woody, herbaceous, and ground cover species which exist in the area below the canopy of the trees.
- ~~(kk)~~ *Vegetation, native* means any plant species with a geographic distribution indigenous to all or part of the State of Florida.
- ~~(ll)~~ *Water use zone* means a grouping of sprays, sprinklers, or microirrigation emitters so that they can be operated simultaneously by the control of one valve according to the water requirements of the plants used.
- ~~(mm)~~ *Florida-Friendly* means a type of landscaping that maximizes the conservation of water by the use of site-appropriate plants - right plant in the right place methodology, efficient watering systems, appropriate fertilization, mulching, attraction of wildlife, responsible management of pests, recycling of yard waste, reduction of stormwater runoff, and waterfront protection. The principles include planning and design, appropriate choice of plants, soil analysis, the use of solid waste compost, practical use of turf, efficient irrigation, appropriate use of mulches, and proper maintenance.
- ~~(nn)~~ *DBH (Diameter Breast Height)* means the trunk diameter of an existing tree measured four and one-half feet above the average ground level at the tree base. If the tree forks between four and one-half and two feet above ground level, DBH is measured below the swell resulting from the fork. Trunks that fork below two feet, shall be considered multi-trunk trees. DBH for multi-trunk trees shall be determined by measuring each trunk immediately above the fork and adding the total diameters of the four largest trunks. (See also and compare definition for caliper in subsection (e) of this Section.)
- ~~(oo)~~ *Chief* means the Chief as designated by the Director of the Planning and Development Department.

~~(pp)~~ *Shade tree* means a species having a height at maturity of at least 45 feet and an average mature crown spread of no less than 30 feet, ~~or trees having an average mature crown spread of less than 30 feet grouped so as to create a total average mature crown spread of no less than 30 feet.~~

Shade Tree, Substitute - trees having an average mature crown spread of less than 30 feet but planted in a grouping in order to create a total average mature crown spread of no less than 30 feet in diameter. Substitute Shade Trees shall not exceed 25 percent (25%) of the property's overall shade tree requirement. For example, Substitute Shade Trees shall not exceed 12.5% of all required trees where there is a 50 % shade tree requirement.

~~(qq)~~ **Sensor Device** means

- (1) *Rain sensor device* - a low voltage electrical or mechanical component placed in the circuitry of an automatic turfgrass irrigation system which is designed to turn off a sprinkler controller when precipitation has reached a pre-set quantity.
- (2) *Soil Moisture sensor device* - a low voltage electrical or mechanical component placed in the landscape of an automatic turfgrass irrigation system which is designed to suspend a sprinkler controller from operation when adequate soil moisture is present.
- (3) *Weather sensor device* - a low voltage electrical or mechanical component placed in the circuitry, either directly or remotely, of an automatic turfgrass irrigation system which is designed to estimate plant water need and adjust a compatible sprinkler controller to apply the appropriate amount of supplemental irrigation.

~~(rr)~~ *Best Management Practices (BMP)* means turf and landscape practices or a combination of practices, based on research, field testing, and expert review, determined to be most effective and practicable on-location means, including economic and technological considerations, for improving water quality, conserving water supplies and protecting natural resources.

~~(ss)~~ *Pressure Regulating Device* means a device that maintains a constant flow and pressure for increased efficiency of irrigation systems. This device shall have a pressure regulating device built into the stem of head or provided in conjunction with the valve. If pressure regulation is derived

Comment [A5]: Update with new technology language?

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through the head, it shall be identifiable from the top of the head.

~~(tt)~~ *Hardscape* means areas such as patios, decks, driveways, in-ground swimming pools, paths and sidewalks that do not require irrigation.

~~(uu)~~ *As-Constructed Sketch, or As-Built* means a legible drawing indicating the date of the irrigation system installation, the number of zones, locations of zones, backflow prevention devices, valves, emitter types and locations, controller(s), pressure regulating devices and sensor device(s). The drawing shall represent the irrigation system as it exists at the time of irrigation system completion and shall be prepared by or at the direction of the person installing the system.

~~(vv)~~ *Irrigation Zone* means a grouping of rotors or sprinkler heads or pop-up sprays or micro irrigation emitters or other irrigation system equipment operated simultaneously by the control of one valve.

~~(ww)~~ *Low Maintenance Zone* means an area a minimum of six feet wide adjacent to water courses which is planted and managed in order to minimize the need for fertilization, watering and mowing. See Chapter 366 Part 6 (Fertilizer Application), Ordinance Code.

Comment [A6]: WMD requires 25'. Need to check if consistent.

~~(xx)~~ *Efficient Irrigation System* means irrigation system design, installation, and maintenance that incorporate water efficient strategies and components, including, but not limited to, pressure regulation devices, sensor devices, correct head spacing, minimum areas of zones of matched precipitation rates and BMP.

~~(yy)~~ *Water Wise Principles* means appropriate planning and design, proper choice of plants, soil analysis that may include the use of solid waste compost, efficient irrigation, practical use of turf, appropriate use of mulches, and proper maintenance consistent with Florida Statutes.

Terminal Island means the curbed landscape area provided at the end of each single parking row. A double row of parking would result in a double Terminal Island.

Comment [A7]: Suggest adding.

Tree protection barricade means XXXX

Violator means a property owner, contractor, tenant, or agent thereof, or the party contracting or directing the damage of Protected trees or vegetation

Root Zone means an area on the land under a tree contained within a circle as measured by a radius of 1.5 feet per one inch of d.b.h. of the tree, from the center of the tree trunk.

Champion Tree means XXXX

(Ord. 91-59-148, § 1; Ord. 93-718-395, § 1; Ord. 97-192-E, § 1; Ord. 1999-775-E, § 1; Ord. 2008-910-E, § 1; Ord. 2009-864-E, § 1)

SUBPART B. - TREE PROTECTION

Sec. 656.1204. - Applicability.

(a) The provisions of Subpart B shall apply to all ~~p~~Protected ~~t~~Trees within the City, unless specifically exempted herein. All requirements in Article 25 of the Charter of the City of Jacksonville, *Minimum Standards for Tree Protection, Conservation and Mitigation During Development* shall be met in addition to the provisions of this Subpart B.

(b) Trees exempt from classification as a Protected tree. The following protected trees are exempted from the requirement to pay mitigation fees. Where an exemption is claimed, an applicant must obtain a Certificate of Exemption from Classification as a Protected tree pursuant to Section 656.1206 for a fee as found in www.coj.net/fees, and provide supporting evidence from a certified Arborist or Florida licensed Landscape Architect that the applicant is entitled to the exemption, as requested by the Building Inspection Division:

Comment [A8]: Is this being enforced? Should it be limited to non-residential property?

(1) Any tree located on an individual lot on which either a single-family dwelling or a mobile home is located, provided:

A. The lot is not capable of further subdivision under applicable law; and

B. The single-family dwelling or mobile home is:

(i) Occupied and used for residential purposes, or

(ii) Capable of occupancy in compliance with applicable law.

(2) Any tree of the palm family, other than the Cabbage Palm (*Sabal palmetto*), or the pine family, other than the Long Leaf Pine (*Pinus palustris*) located on that portion of a lot which is more than 20 feet from a street right-of-way (including an approved private street or other access

Comment [A9]: Why is this an exemption?

easement), or more than ten feet from any other property line.

- (3) Any tree located in botanical gardens or in state-approved or government nurseries and groves which are grown for sale or public purpose.
- (4) Any tree that poses imminent danger to the public health, welfare or safety, and requires immediate removal without delay. In such instances, verbal authorization to remove a protected tree may be given by the Chief.
- (5) Any tree in a land area located within a City drainage easement, a City drainage right-of-way, and/or a City access way right-of-way (excluding road rights-of-way, or road easements requiring drainage) where trees must be removed, as reasonably necessary, to provide access to, or maintenance and/or construction of, the City's drainage ditches and drainage-related facilities.
- (6) Any tree located within an existing or proposed street right-of-way and/or easement shown on a set of approved final construction plans for required improvements within an approved single-family or mobile home subdivision which has been platted or is in the process of being platted and has received preliminary sketch plan approval pursuant to Chapter 654, Ordinance Code (Code of Subdivision Regulations), may be removed during construction of such improvements.
- (7) Any tree other than an exceptional specimen tree, as defined in Section 656.1203, located on property that has been subdivided for residential development by a plat of record or that is in the process of being platted and as received preliminary sketch plan approval pursuant to Section 654.108, Ordinance Code. Property with trees that are exempt under this subsection (7) must comply with the buffer requirements for residential subdivisions of Section 656.1222.
- (8) The following nuisance and invasive species of trees: Pond Willow (Salix caroliniana), Chinese Tallow (Sapium sebiferum), Paper Mulberry (Broussonetia papyrifera), Chinaberry (Melia azedarach), Camphor (Cinnamomum camphora), Wax Myrtle (Myrica cerifera), Golden Raintree (Koelreuteria bipinnata) and Cherry Laurel (Prunus caroliniana).
- (9) Any tree located on an individual cemetery plot and removed at the request and with the consent of an individual cemetery plot owner; provided, however, that this exemption shall not apply to the expansion of existing cemeteries. As used in this subsection, cemetery plot shall mean a lot in any cemetery designated and maintained for the interment of a human body, or bodies or remains thereof and for no other

Comment [A10]: This should be removed. This was there to account for projects in the approval process when this Code was first passed.

Comment [A11]: This should be removed.

Comment [A12]: Are there more to add to the list?

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purpose. As used in this subsection, cemetery plot owner shall mean a person, or his representative, in whose name a plot is listed in a cemetery organization's office as the owner of the exclusive right of sepulture; or who holds from a cemetery organization, a certificate of ownership or other instrument of conveyance of the exclusive right of sepulture in a particular plot in the organization's cemetery.

Comment [A13]: Needs revision to include when City is maintaining an abandoned cemetery. Needs heightened criteria for removal (in case someone planted the tree on the grave on purpose).

(10) Any tree determined to be a danger to traffic flow or traffic site visibility by the City Traffic Engineer.

(11) Any tree determined to be in a required fire break by the Chief of Mowing and Landscape Maintenance Division.

(12) Diseased or imminently dying trees, or trees weakened by age, weather, storm, fire or acts of God.

(13) Trees on land classified as agricultural land pursuant to Section 193.461, Florida Statutes, if the removal of such trees is regulated through Best Management Practice criteria formally adopted into the Florida Administrative Code by the Florida Department of Agriculture and Consumer Services.

(14) Trees on land for use as a salt water mitigation bank pursuant to a permit issued by the St. Johns River Water Management District, the Florida Department of Environmental Protection, or the United States Army Corps of Engineers, so long as no horizontal or vertical hardscape construction improvements are made on any portion thereof.

(Ord. 91-59-148, § 1; Ord. 93-718-395, § 1; Ord. 2008-910-E, § 1)

Sec. 656.1205. - Permit for removal ~~Removal of~~ Protected trees ~~prohibited~~; exceptions.

(a) No person, ~~organization, society, association or corporation, or any agent or representative thereof,~~ directly or indirectly, shall, without first obtaining a permit to remove the tree or a Certificate of Exemption, cut down, remove, damage, over-prune, or destroy, or shall authorize the ~~cutting down, removal, damage, over-pruning or destruction~~ said damage of any Protected Tree, as defined in ~~Section 656.1203(bb)~~ hereof, or shall commit any act or authorize the commission of any act which physically removes, damages, over-prunes, or destroys a or causes ~~a tree~~ it to die, ~~such as including~~ damage inflicted upon the root system by heavy machinery, chemicals or paving, changing the natural grade above the root system and tree damage

permitting infection or pest infestation, ~~without first having obtained a permit to remove said tree as herein provided.~~

~~(b) The following protected trees are exempted from the provisions of subsection (a). Where an exemption is claimed, an applicant must obtain a permit pursuant to Section 656.1206 for a fee as found in www.coj.net/fees, and provide supporting evidence that the applicant is entitled to the exemption, as requested by the Building Inspection Division:~~

~~(1) Any tree located on an individual lot on which either a single-family dwelling or a mobile home is located, provided:~~

~~A. The lot is not capable of further subdivision under applicable law; and~~

~~B. The single-family dwelling or mobile home is:~~

~~(i) Occupied and used for residential purposes, or~~

~~(ii) Capable of occupancy in compliance with applicable law.~~

~~(2) Any tree of the palm family, other than the Cabbage Palm (*Sabal palmetto*), or the pine family, other than the Long Leaf Pine (*Pinus palustris*) located on that portion of a lot which is more than 20 feet from a street right-of-way (including an approved private street or other access easement), or more than ten feet from any other property line.~~

~~(3) Any tree located in botanical gardens or in state-approved or government nurseries and groves which are grown for sale or public purpose.~~

~~(4) Any tree that poses imminent danger to the public health, welfare or safety, and requires immediate removal without delay. In such instances, verbal authorization to remove a protected tree may be given by the Chief.~~

~~(5) Any tree in a land area located within a City drainage easement, a City drainage right-of-way, and/or a City access way right-of-way (excluding road rights-of-way, or road easements requiring drainage) where trees must be removed, as reasonably necessary, to provide access to, or maintenance and/or construction of, the City's drainage ditches and drainage-related facilities.~~

~~(6) Any tree located within an existing or proposed street right-of-way and/or easement shown on a set of approved final construction plans for required improvements within an approved single-family or mobile home subdivision which has been platted or is in the process of being platted and has received preliminary sketch plan approval pursuant to Chapter~~

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~~654, Ordinance Code (Code of Subdivision Regulations), may be removed during construction of such improvements.~~

~~(7) Any tree other than an exceptional specimen tree, as defined in Section 656.1203(bb)(3), located on property that has been subdivided for residential development by a plat of record or that is in the process of being platted and as received preliminary sketch plan approval pursuant to Section 654.108, Ordinance Code. Property with trees that are exempt under this subsection (8) must comply with the buffer requirements for residential subdivisions of Section 656.1222.~~

~~(8) The following nuisance and invasive species of trees: Pond Willow (*Salix caroliniana*), Chinese Tallow (*Sapium sebiferum*), Paper Mulberry (*Broussonetia papyrifera*), Chinaberry (*Melia azedarach*), Camphor (*Cinnamomum camphora*), Wax Myrtle (*Myrica cerifera*), Golden Raintree (*Koelreuteria bipinnata*) and Cherry Laurel (*Prunus caroliniana*).~~

~~(9) Any tree located on an individual cemetery plot and removed at the request and with the consent of an individual cemetery plot owner; provided, however, that this exemption shall not apply to the expansion of existing cemeteries. As used in this subsection, cemetery plot shall mean a lot in any cemetery designated and maintained for the interment of a human body, or bodies or remains thereof and for no other purpose. As used in this subsection, cemetery plot owner shall mean a person, or his representative, in whose name a plot is listed in a cemetery organization's office as the owner of the exclusive right of sepulture; or who holds from a cemetery organization, a certificate of ownership or other instrument of conveyance of the exclusive right of sepulture in a particular plot in the organization's cemetery.~~

~~(10) Any tree determined to be a danger to traffic flow or traffic site visibility by the City Traffic Engineer.~~

~~(11) Any tree determined to be in a required fire break by the Chief of Mowing and Landscape Maintenance Division.~~

Comment [A14]: Moved to 656.1204(b)

~~(e**b**)~~ Exceptions. During the period of an emergency such as a hurricane, flood or any other natural disaster, the requirements of this Section may be temporarily waived by the Chief, so that private or public work to restore order in the city will in no way be hampered.

~~(e**c**)~~ Exceptional specimen trees, meeting the criteria of 656.1204(b), except for criteria 656.1204(b)(1), are not exempt from the classification as a Protected Tree. Replacement of these trees shall be on a caliper inch per d.b.h. inch basis. except for exceptional specimen trees located on property upon which either a single family dwelling or a mobile home is

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~~located and/or is exempt under Section 656.1205(b)(1), or which is in use for bona fide agricultural operations and is exempt under Section 656.1205(b)(2), or which is exempt under Section 656.1205(b)(7), are specifically excluded from the exemptions listed hereinabove, and a permit is required to be obtained prior to any cutting down or removal of the trees. In addition, the provisions of Section 656.1206(h) concerning replacement of protected trees shall also apply to the cutting down or removal of exceptional specimen trees with a replacement of one inch to one inch removed, however, no replacement is required for exceptional specimen trees which have been determined by the Chief to be diseased or dying. Under no circumstances whatsoever shall this subsection be construed to require the owner of a single family dwelling or mobile home which is occupied or capable of occupancy to obtain a permit to remove any protected tree.~~

Comment [A15]: Why is this repeated? The exemptions are stated above. Is it because exceptional specimen trees are not exempt in some circumstances?

~~(e) This Section shall not apply to the removal of trees (1) on land classified as agricultural land pursuant to Section 193.461, Florida Statutes, if the removal of such trees is regulated through Best Management Practice criteria formally adopted into the Florida Administrative Code by the Florida Department of Agriculture and Consumer Services; or (2) land for use as a salt water mitigation bank pursuant to a permit issued by the St. Johns River Water Management District, the Florida Department of Environmental Protection, or the United States Army Corps of Engineers, so long as no horizontal or vertical hardscape construction improvements are made on any portion thereof.~~

Comment [A16]: Moved to 656.1204 (13) and (14)

(Ord. 91-59-148, § 1; Ord. 93-718-395, § 1; Ord. 95-212-154, § 1; Ord. 1999-152-E, § 1; Ord. 1999-775-E, § 2; Ord. 2001-161-E, § 1; Ord. 2001-1327-E, § 1; Ord. 2008-910-E, § 1; Ord. 2013-590-E, § 1; Ord. 2013-209-E, § 17; Ord. [2016-705-E](#), § 1; Ord. [2017-665-E](#), § 29)

Sec. 656.1206. - Permit procedure and criteria for tree removal, relocation and replacement of ~~protected~~ Protected trees.

(a) Permits for site clearing and the removal or relocation of a protected tree shall be obtained by filing an application with the Chief. Approval of the application and issuance of a permit by the Chief shall be required prior to any land clearing or grubbing, prior to any disturbance of the root system or site development, or prior to the occurrence of any changes to an existing developed site. The site shall be inspected to insure compliance with the approved site plan prior to any additional permits being issued. Applications for site clearing and tree removal or relocation shall include the following:

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- (1) A site plan, at a scale which clearly illustrates the requirements of this Part, showing the lot configuration; the location and identification of existing and proposed improvements, if any, including structures, water retention areas, paving, grade changes, utilities, easements, and street rights-of-way or approved private streets; the location and identity by botanical or common name and DBH, of protected trees to be removed, relocated or retained and of preserved understory vegetation; and preserve areas. In areas where groups of trees are to remain and no soil is to be disturbed, the tree group may be identified by general species; and
 - (2) A statement explaining why the protected tree is proposed to be removed or relocated.
 - (3) If protected tree removal is associated with new development, the name, size and location of all replacement trees shall be shown on the required landscape plan and such trees shall be installed prior to the final building inspection. Otherwise, the name, size and location of the required replacement trees shall be shown on the site plan required for site clearing or tree removal and such trees shall be installed within the time limit stated on the site clearing or tree removal permit.
- (b) An application for a permit for the removal or relocation of a ~~protected~~ Protected tree shall be reviewed by the Chief and a decision shall be made thereon within ten working days after receipt of such application; provided, however, that if the Chief determines that a comprehensive study of a development plan or public improvement program is needed to assure the protection of a significant number of trees, he shall refer the application to the Planning and Development Department for a detailed study and recommendation and shall advise the applicant of this action within the ten day period hereinabove specified. The Planning and Development Department shall provide the Chief and the applicant with its report within ten working days after referral of the application.
- (c) Any person, organization, society, association, corporation or agent thereof who intends to trim, prune, cut, disturb roots, or to destroy or remove any tree from a public easement, public property or right-of-way shall obtain a permit from the Chief. All work shall be conducted in strict accordance with the National Arborist Association Pruning Standards for Shade Trees, the American National Standards for Tree Care Operations (ANSI #Z133.1-#Z133 (Safety Standard), ANSI A300 (Pruning), and any additional conditions of such permit.

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- (d) Any department or division of the City of Jacksonville, any independent authority or agency of the City of Jacksonville, and any provider or utility service may obtain an annual permit to trim or remove trees for maintenance purposes, for the installation of new facilities, or to maintain proper clearance on existing facilities upon the submission of an operational manual, procedures and/or standards for such work within the service area of the utility, which manual, procedures and/or standards shall be subject to the review and approval of the Chief. A separate annual permit shall be obtained for areas designated as scenic and historic corridors established pursuant to Section 656.1219, which permit shall include the procedures, standards and conditions imposed by council, if any, in the ordinance designating the corridor. All work shall be conducted in strict accordance with the permit; provided, however, that the requirements of this Section shall not restrict in any manner whatsoever or prohibit any provider of utility service from taking any action to trim or remove trees which is reasonably required in order to restore utility service. The permit holder shall make every reasonable effort to minimize the impact on the environment, including consideration of alternatives for the provision of service.
- (e) The approval, conditional approval or denial by the Building Inspection Division of an application for a tree removal permit, as required by this Section, shall be based on the following criteria:
- (1) The extent to which tree removal decreases aesthetic and environmental quality, land values and physical benefits to human beings;
 - (2) The necessity to remove trees which pose a safety hazard to pedestrian or vehicular traffic or threaten to cause disruption to public services;
 - (3) The necessity to remove trees which pose a safety hazard to buildings;
 - (4) The necessity to remove diseased trees or trees weakened by age, weather, storm, fire or acts of God or which are likely to cause injury or damage to people, buildings or other improvements on a lot or parcel of land;
 - (5) The extent to which tree removal is likely to result in damage to the property of other owners, public or private, including damage to lakes, ponds, streams or rivers through runoff or erosion;
 - (6) The proposed landscaping, including plans whereby the applicant has planted or will plant perennial vegetative cover to replace those trees which are proposed to be cleared;

Comment [A17]: These 3 are really reasons the tree should not be Protected, and thus not mitigated for, in the first place.

- (7) The topography of the land and the effect of tree removal on erosion, soil retention and the diversion or increased flow of surface water;
- (8) The necessity to remove trees in order to construct proposed improvements to allow access around the proposed structure for construction equipment, access to the building site for construction equipment, or essential grade changes;
- (9) The land use and natural vegetative ground coverage of surrounding property;
- (10) The extent of any damage or hardship to the applicant resulting from a denial of the requested permit;
- (11) The species and size of the tree proposed for removal;
- (12) Whether the tree to be removed is an exceptional specimen tree;
- (13) Whether the tree is located within a scenic and historic corridor; and
- (14) Areas to be converted to mitigated wetlands as required by federal, state and local agencies which regulate wetlands.
- (f) Any relocation of trees in compliance with this Subpart shall be performed in accordance with accepted industry practices, including watering to insure survival of transplanted stock.
- (g) Protected trees identified for removal on the site clearing or tree removal permit application shall be replaced with new planted trees, unprotected trees or transplanted trees in the following ratios:-
- (1) Protected live oaks (~~quercus virginiana~~ *Quercus virginiana*) removed shall be replaced only with live oaks. The total caliper inches of replacement live oaks shall equal the total caliper inches of protected live oaks removed;
- (2) ~~for other removed protected trees~~ For other Protected Trees, the total caliper inches of replacement trees shall equal one-third the total caliper inches removed. ~~A waiver of this replacement requirement may be approved by the Chief if the tree removal was for the purpose of removing dead, diseased, dying or trees of similar condition or for trees whose roots are causing severe damage, as determined in the sole discretion of the Chief, to an adjacent structure. No waiver shall be allowed for the removal of any tree whose continued existence was necessary for compliance with the City's Landscape Code, for receiving credit for conservation mitigation, or for any tree which was planted as part of a mitigation requirement.~~
- (3) The total caliper inches for replacement of exceptional specimen trees shall equal the total caliper inches of

Comment [A18]: A part of this was added to Protected Tree exemption, so should not be here.

Comment [A19]: The remainder of this was moved to a new subsection (j) (Waivers), below

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exceptional specimen trees removed pursuant to Section 656.1205~~(d)~~ (c).

(4) When there are more than an average of two exceptional specimen trees per acre removed on a particular site, the required mitigation shall be increased by twice the minimum caliper of all exceptional specimen trees lost in order to compensate for that loss.

(5) If multi-trunked trees are used as replacement trees, then the total caliper of the four largest trunks shall equal the replacement caliper.

(6) Palms may be used only to replace protected palms removed.

~~Replacement species used shall be approved by the Chief. Additionally, the following provisions shall apply:~~

Comment [A20]: Moved to (h), below.

~~(1) No replacement will be required for protected trees which are determined by the Chief to be dead or deteriorated as a result of age, insects, disease, storm, fire, lightning or other acts of nature. Trees that require trimming or other simple forms of abatement to remain viable shall not be exempt pursuant to this subsection. An exemption pursuant to this subsection requires the following:~~

Comment [A21]: Added to exemption from Protected Tree so not needed here.

~~(i) Sufficient documentation supporting the exemption in a form approved by the Chief; and~~

~~(ii) Verification of the dead or deteriorated status of the tree by a Certified Arborist; and~~

~~(iii) Evaluation of the tree based upon the current site conditions and viability of the tree, not considering potential impacts of construction.~~

Comment [A22]: Handled in exemption.

~~(h) (2)~~ Mitigation criteria for Replacement trees.

(1) New replacement trees shall meet the minimum standards for landscape materials established by Section 656.1211(e).

(2) Trees planted within an area of an onsite wetland created for mitigation of wetlands removed or relocated on the same site may be used satisfy the requirements of this Subpart.

(3) Existing trees, two-inch caliper or greater, which are not ~~protected~~ Protected trees but which are preserved or transplanted, except those trees located in preserve areas, may be utilized to satisfy tree replacement requirements, subject to the conditions stated in Sections 656.1207 and 656.1213(b) and (d).

(4) New, preserved nonprotected, or transplanted exceptional specimen trees or live oaks used as replacement for removed

Comment [A23]: How can you transplant a 24" tree?

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exceptional specimen trees or protected live oaks shall be four-inch caliper or greater.

- (5) Existing protected trees which would otherwise be removed from the site because of development, may be utilized to satisfy tree replacement requirements if transplanted to a location on the site which meets the requirements of Sections 656.1207 and 656.1213(b) and (d).

~~(6) Replacement species used shall be approved by the Chief.~~

Comment [A24]: Moved to (h), below.

~~(6) If protected tree removal is associated with new development, the name, size and location of all replacement trees shall be shown on the required landscape plan and such trees shall be installed prior to the final building inspection. Otherwise, the name, size and location of the required replacement trees shall be shown on the site plan required for site clearing or tree removal and such trees shall be installed within the time limit stated on the site clearing or tree removal permit.~~

Comment [A25]: Moved to 656.1206(a)

~~(7) Existing nonprotected trees, transplanted trees and new trees used for replacement become protected trees.~~

Comment [A26]: This has been included in the definition of "Protected tree."

~~(8) Replacement trees shall be maintained pursuant to the requirements of Section 656.1212.~~

~~(9) Replacement trees may be used to satisfy the tree requirements of Subpart C, landscaping requirements.~~

~~(10) A tree used for replacement shall be at least ten feet from any other tree planted, transplanted or preserved. Greater spacing may be required, based on a tree survey, to ensure survivorship of a tree.~~

~~(11) Replacement trees shall be suitable to the site at which they are planted as determined by the Chief.~~

~~(12) Replacement trees for protected trees larger than 11.5 inches DBH shall be shade trees as required by Article 25 of the Charter of the City of Jacksonville, *Minimum Standards for Tree Protection, Conservation and Mitigation During Development*.~~

~~(13) Trees planted within an area of an onsite wetland created for mitigation of wetlands removed or relocated on the same site may be used satisfy the requirements of this Subpart.~~

Comment [A27]: Moved up to (h)(2).

~~(i) (14) On-site mitigation alternatives.~~

~~(1) If the applicant demonstrates to the satisfaction of the Chief that the site cannot accommodate the total number of required replacement trees as a result of insufficient planting area, the applicant shall provide a monetary~~

contribution to the Tree Protection and Related Expenses Trust Fund.

(2) The amount of such contribution shall be determined as follows:

(i) For every two caliper inches, or fraction thereof, of replacement trees which would otherwise be required, the contribution shall be equal to the retail value of a planted two-inch caliper nursery grown shade tree~~;~~ and

(ii) The retail value shall be calculated by taking the average of the median current wholesale price, published by North Florida nurseries, for a container grown, and a balled and burlapped two-inch caliper live oak, multiplied by two. The retail value shall be recalculated and adjusted annually on October first.

~~(15)~~ (3) As an alternative to providing a monetary contribution to the Tree Protection and Related Expenses Trust Fund, an applicant may, under the conditions set forth in this subsection, provide mitigation in certain off-site locations. In such cases, the applicant shall install the required replacement trees at another location (the "alternative site") which is not a residential lot and which meets all of the following criteria:

(i) The alternative site must be located within the same planning district as the applicant's property, as such districts are defined in the City's Comprehensive Plan approved by the City Council. Applicants are encouraged to coordinate with, and seek input from, Planning District Citizen Planning and Advisory Committees in selecting alternative sites for tree mitigation. A location in the proximity of the applicant's property is preferred;

(ii) The alternative site must be owned or leased by the applicant or by a governmental entity which has authorized the installation of the trees, or is privately owned and nonconforming with respect to the requirements of this Part and the owner has consented to the use of his property as an alternative site; provided, however, that governmental entities providing off-site mitigation may do so only on property owned or leased by a governmental entity;

(iii) The installation of the trees at the alternative site will provide aesthetic benefits to many of the same citizens which would have benefited from the installation of the landscaping on the applicant's property; and

(iv) The alternative site is determined by the Landscape Architect to be a location where the trees are likely to survive.

If the applicant elects to install the required trees at the alternative site, the applicant must submit plans for the alternative site for review and approval of the Landscape Architect prior to the issuance of the site clearing permit. Any trees planted at the alternative site pursuant to this Section shall be in addition to, and not in lieu of, the requirements of this Chapter. Irrigation and maintenance of the replacement trees in accordance with the requirements of this Chapter are the responsibility of the applicant, and failure to comply with these requirements is a violation of this Chapter.

~~(16)~~ (4) As a further alternative to providing a monetary contribution to the Tree Protection and Related Expenses Trust Fund, an applicant may, in limited circumstances and under the conditions set forth in this subsection, provide mitigation of the required mitigation amount through conveyance of certain lands to the City of Jacksonville. A conveyance of land in lieu of a monetary contribution to the Tree Protection and Related Expenses Trust Fund, must meet all of the following criteria:

- (i) The property to be conveyed to the City must be property the City is willing to accept pursuant to this subsection and maintain as open space;
- (ii) The property to be conveyed to the City must be of a type and in a condition that will result in the preservation of open space and provide the opportunity for substantial tree planting and increase in tree canopy on the site;
- (iii) The value of the property being conveyed to the City, as established in an appraisal acceptable to the City's Real Estate Division or the land value of which was established in an eminent domain proceeding within the previous five years, must equal or exceed the amount of the monetary contribution which would be made under this section;
- (iv) The property being conveyed to the City must be free from environmental contamination, as established in environmental audits and studies acceptable to the City;
- (v) The property being conveyed to the City must have clear title and be free and clear of any outstanding liens or unpaid taxes;

- (vi) Prior to conveyance to the City the owner shall furnish to the City, at no expense to the City, a landscape plan acceptable to the City for the City's use in planting trees on the property and a boundary survey of the property prepared by a licensed surveyor;
- (vii) Prior to conveyance to the City the property shall have been rezoned to Conservation (CSV) zoning district;
- (viii) The property being conveyed to the City must be located within a one-mile radius of the property from which protected trees were removed creating the requirement for mitigation under this section;
- (ix) The property being conveyed to the City shall be contiguous to a City right-of-way or City-owned land;
- (x) The property being conveyed to the City should be a minimum size of approximately 1.25 acres;
- (xi) The property being conveyed to the City shall not be land protected from development by other restrictions, such as subdivision buffer areas or St. Johns River Water Management District conservation easements;
- (xii) The property being conveyed to the City shall be free from easements which would limit tree planting such as overhead or underground utility, drainage or access easement which would, in the opinion of the City, unduly limit the ability of the City to plant trees on the site; and
- (xiii) The land being conveyed to the City shall be upland areas suitable for tree planting.

In the event that any portion of this subsection is declared invalid, unenforceable, unconstitutional or void, or is permanently enjoined, or if the existence of this subsection would result in any other portion of Chapter 656, Part 12, or Article 25 of the Charter being held to be invalid, unenforceable, unconstitutional or void, then thereafter no conveyance of land as mitigation shall be accepted pursuant to this subsection and all mitigation requirements shall be satisfied as otherwise allowed in this section.

- (j) Waivers. A waiver of this replacement requirement may be approved by the Chief if the tree removal was for the purpose of removing trees whose roots are causing severe damage, as determined in the sole discretion of the Chief, to an adjacent structure. No waiver shall be allowed for the removal of any tree whose continued existence was necessary for compliance with the City's Landscape Code, for receiving

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credit for conservation mitigation, or for any tree which was planted as part of a mitigation requirement.

(Ord. 91-59-148, § 1; Ord. 91-761-410, § 1; Ord. 93-718-395, § 1; Ord. 97-192-E, § 2; Ord. 97-434-E, § 1; Ord. 2001-161-E, § 2; Ord. 2001-424-E, § 1; Ord. 2002-868-E, § 1; Ord. 2002-1119-E, § 1; Ord. 2005-1019-E, § 1; Ord. 2006-269-E, § 1; Ord. 2008-910-E, § 1; Ord. [2017-396-E](#), § 1)

Sec. 656.1207. - Tree protection ~~during development.~~

~~(a) All protected Protected trees, and preserved understory vegetation, and trees retained for tree credit, pursuant to Section 656.1213 hereunder, shall be protected from injury during any land clearing or construction in the following manner:~~

~~(a) Prior to any land clearing operations, tree limbs which interfere with construction shall be removed and temporary barriers shall be installed around all trees and other understory vegetation to remain within the limits of land clearing or construction and shall remain until the completion of the work. The temporary barrier shall be at least three feet high, shall be placed at least six feet away from the base of any tree, shall include at least 50 percent of the area under the dripline of any protected tree or trees retained for tree credit pursuant to Section 656.1213, and the barrier shall consist of either a wood fence with two by four posts placed a maximum of eight feet apart, with a two by four minimum top rail, or a temporary wire mesh fence, or other similar barrier which will limit access to the protected area. Tree protection shall comply with the guidelines in the Tree Protection Guide for Builders and Developers by the Florida Division of Forestry and any other reasonable requirements deemed appropriate by the Chief to implement this Part.~~

~~(b) No materials, trailers, equipment or chemicals shall be stored, operated, dumped, buried or burned within the protected areas. No attachment, wires (other than protective guy wires), signs or permits shall be attached to a protected tree.~~

~~(c) When removing branches from protected trees to clear for construction or pruning to restore the natural shape of the entire tree, the guidelines in the National Arborist Association Pruning Standards for Shade Trees and the American National Standards for Tree Care Operations (ANSI #Z133.1) shall be followed. Protected trees shall be pruned to remove dead or damaged limbs and to restore this natural~~

~~shape and fertilized as necessary to compensate for any loss of roots and to stimulate root growth. Any damage to tree crowns or root systems shall be repaired immediately after damage occurs.~~

- (1) Tree protection standards. The protection measures described in this subsection are based on those in the Tree City USA Bulletins published by The National Arbor Day Foundation: How to Save Trees During Construction (No. 8, 1998), A Systematic Approach to Building with Trees (No. 20, 1998), How to Protect Trees During Underground Work (No. 35, 1998) and the Tree Protection Guide for Builders and Developers by the Florida Forest Service. These publications are hereby adopted and included by reference herein. These publications shall be used to supplement the required protection measures. They also provide information on the economic value of trees to developments and their incorporation into designs as well as guidelines on professional tree care, tree planting and tree transplanting.
- ~~(a)~~ (2) Prior to any land clearing operations, tree limbs which interfere with construction shall be removed in accordance with the standards above.
- (3) Protection from injury. In order to protect against mechanical injuries to roots, trunks and branches, and injuries by chemical poisoning, grade changes, excavations, paving, and attachments or wires, the applicable protection measures set out below shall be implemented prior to commencement of any construction.
 - (i) Temporary barriers ("Tree Protection Barricades") shall be installed around all trees, or grouping of trees as shown below, and other understory vegetation to remain within the limits of land clearing or construction and shall remain until the completion of the work and final inspection by the City. The Tree Protection Barricades shall be at least three feet high, and shall include one hundred percent (100%) of the area under the Root Zone of any Protected tree or trees retained for tree credit pursuant to Section 656.1213. The Tree Protection Barricade shall consist of either a wood fence with two by four posts placed a maximum of eight feet apart, with a two by four minimum top rail, or other similar rigid material to connect the posts and create a barrier which will limit access to the protected area and not be easily removed. See Figure 656.1207 (Plan View of a tree grouping and Tree Protection Barricade), below.

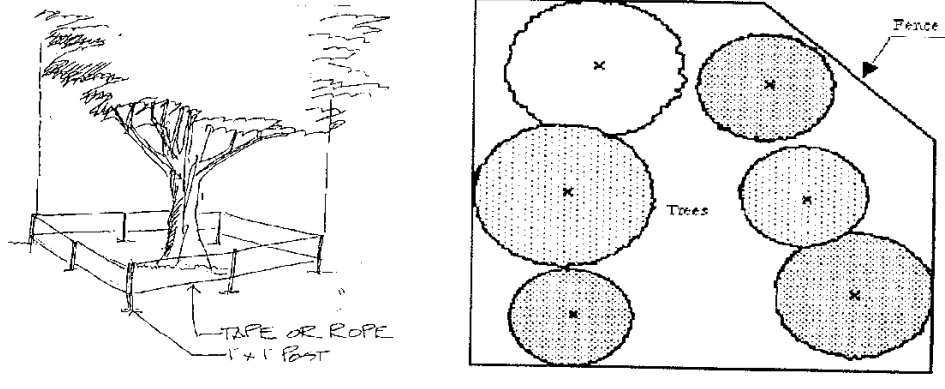


Figure 656.1207 - Plan View of a tree grouping and Tree Protection Barricade.

- (ii) The Tree Protection Barricade shall be placed at the Root Zone of the tree, unless the structure or improvement has been permitted by the Chief to be erected within the Root Zone of the tree with a wide canopy. The structure or improvement may be placed within the Root Zone of the tree only if the tree has been root pruned, as supervised by a licensed Florida Landscape Architect or Arborist certified by the International Society of Arboriculture. For palm trees, the Tree Protection Barricade shall be placed at points not closer than six (6) feet from the trunk.
- (iii) Avoiding tree injury due to root impacts.
Construction within the Root Zone, such as changes in grade and installation of underground utilities, commonly causes extensive root damage or death of a tree. Construction shall not be permitted within the Root Zone unless protective measures are taken and supervised by a licensed Florida Landscape Architect or certified Arborist, to ensure the health of the tree.
- (iv) No materials, soil, motor vehicles, trailers, equipment or chemicals shall be stored, operated, dumped, buried or burned within the Tree Protection Barricade protected areas. No attachment, wires

(other than protective guy wires used to stake a new tree), signs or permits shall be attached to a protected or retained tree.

- (v) When removing branches from protected or retained trees to clear for construction or pruning to restore the natural shape of the entire tree, the guidelines in the International Society of Arboriculture ("ISA") Best Management Practices for Managing Trees During Construction, latest edition and the American National Standards for Tree Care Operations (ANSI # A300) shall be followed. Protected and retained trees shall be pruned to remove dead or damaged limbs and to restore this natural shape and fertilized as necessary to compensate for any loss of roots and to stimulate root growth. Any damage to tree crowns or root systems shall be repaired according to the ISA and Tree Care Industry Association ("TCIA") standards immediately after damage occurs.
- (vi) After issuance of the Site Clearing Permit and prior to the start of any land clearing operation or any construction activity within that phase of development, a Tree Protection Barricade inspection will be made by the Building Inspection Division. Failure of the permit applicant to have scheduled and passed a Tree Protection Barricade inspection prior to the start of any site clearing or construction activity is considered a violation of this Part and subject to a fine of \$XXXX per day.
- (vii) In addition to the Tree Protection Barricade inspection outlined above, an additional Tree Protection Barricade inspection shall be made by the Building Inspection Division prior to the start of foundation or vertical construction within that phase of development. Failure of the permit applicant to have scheduled and passed a Tree Protection Barricade inspection prior to the start of any foundation or vertical construction activity is considered a violation of this Part and subject to a fine of \$XXXX per day.

Comment [A28]: Need amount from Commission

(b) Pruning of Public and Private protected trees, and any tree required to be retained or provided pursuant to Subpart C (Landscaping Requirements) shall comply with methods specified by the American National Standards Institute's ("ANSI") ANSI A300 - Standards for Tree Care Operations.

(1) The following are examples of, but not an exhaustive list, of the ANSI A300 standards that shall be employed:

(i) Limit pruning to the removal of dead, broken, damaged, rubbing, structurally weak branches, co-dominant stems, suckers, branches interfering with the required clear zones above roadways and walks, and branches obstructing traffic signs and signals.

(ii) Use sharp, clean tools specifically designed for the type of pruning performed.

(iii) Use ladder, hydraulic lift, bucket truck, or similar equipment for tree pruning. Do not climb trees with spikes.

(iv) Remove branches without tearing the tree bark. Remove branches just above the branch collar; do not leave branch stubs extending beyond the branch collar.

(v) When working around JEA overhead power lines, use only workers approved by the JEA Forestry Division to work in the proximity of the JEA power lines.

(vi) Restrict the removal of lower lateral branches of a tree, so that the resultant clear trunk does not exceed 1/3 of the overall height of the tree.

(2) The following are examples of, but not an exhaustive list, of pruning operations that are prohibited, and will be a violation of this Part for each tree so damaged:

(i) Flat-cutting the top of a tree, "hat racking," which severs the central leaders.

(ii) Branch pruning that leaves branch stubs, split branch ends, or flush cuts on the trunk.

- (iii) Heading cutting of trees, particularly crape myrtles. A heading cut is a type of pruning cut that prunes a young shoot no more than 2 years old back to lateral branches 1/3 the diameter of the cut stem or prunes stems back to indiscriminate lengths, also called "hat racking."
 - (iv) Pruning that alters the natural growth habit of the tree.
 - (v) Tree pruning that reduces the total height or spread of an existing tree canopy by 25 percent in a five (5) year period.
 - (vi) Pruning that removes excessive number of inner and/or lower lateral branches and vegetation from parent branches, leaving a small cluster of foliage at the end of each branch, also called "lions tailing."
- (c) The following are examples of acts that damage trees. Each such act on an individual tree shall constitute a separate violation of this Part:
- (1) Peeling or stripping of the bark from tree trunk(s) when the horizontal length of the bark removal at any point on the trunk exceeds 1/3 the trunk circumference.
 - (2) Attaching signs or other objects to the tree using nails, screws or straps.
 - (3) Girdling of tree trunks caused by guy wires and straps, or by the use of string trimmers, edgers, mowers or other equipment.
 - (4) Damage to tree trunks or branches by vehicular impact.
 - (5) Using a tree as a support for a fence or other structures.
 - (6) Covering tree trunks with paint.
 - (7) Contamination of tree roots with chemicals and oils detrimental to root growth.
 - (8) Parking or driving a vehicle or equipment over the Root Zone of the tree without a permit.

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(Ord. 91-59-148, § 1; Ord. 93-718-395, § 1)

Sec. 656.1208. - Enforcement; violations and penalties; stopping work, correction of violation.

- (a) *Notice of violations.* Whenever the Chief has evidence that a violation of any provision of this ~~Subpart~~ Part has been or is being committed, he shall issue a written Notice of Violation or order upon the suspected person or persons responsible for the violation, which may include, but not be limited to, the property owner, permit holder, tenant, agent, and contractor (if known and if different person(s) or entities) together referred to as "the violator" by personal service or certified mail or, if these forms of service are ineffective, by posting a copy in a conspicuous place on the premises where the violation has occurred or is occurring. The notice shall briefly set forth the general nature of the violation and specify the manner and that the violation shall be corrected within 90 days from the date of the Notice of Violation, which may be extended by the Chief for good cause. However, in the case of damage or potential damage caused by the unauthorized placement of material or equipment within the Root Zone of a Protected Tree, such violation shall be corrected within ~~XX~~ days from the date of the Notice of Violation.
- (b) *Stopping work.* Whenever, in the opinion of the Chief, by reason of a violation of any provision of this ~~Subpart~~Part, the continuance of work is contrary to the public welfare, he shall order, in writing, all further work to be stopped and may require suspension of all work until the violation is corrected.
- (c) *Correction of violation.* A violation of this ~~Subpart~~ Part shall be corrected as follows:
- (1) When there is work done without a permit, the property owner shall:
- (i) pay the permit fee due the City for the work, which permit fee shall be twice the amount of the regular permit fee specified in Section 320.409(a) (15) which would have been due had the permit been obtained prior to commencing work; ~~and by replacing~~
- (ii) replace the ~~protected~~ Protected trees removed without a permit with new planted trees, unprotected trees or transplanted trees. The total caliper inches of the replacement trees shall equal twice the amount of total caliper inches required to be planted, pursuant to Section 656.1206(h). The property owner Violator shall also submit a

Comment [A29]: Need number from Commission.

Comment [A30]: This is now the correct citation.

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tree replanting plan showing how the damage caused to the site by the violation will be mitigated shall be subject to the review and approval of the Chief and the trees installed within the time limit stated on the permit. Replacement trees shall meet the requirements of Section 656.1206, except that the minimum caliper of all replacement trees shall be four inches, and the plan shall meet the requirements of Section 656.1217, to the extent applicable; ~~or~~ and

(2) When there is no permit, the ~~violator~~ each other Violator shall also:

(i) pay the permit fee due the City for the work, which permit fee shall be twice the amount of the regular permit fee specified in Section 320.408(a)(15), which would have been due had the permit been obtained prior to commencing work; ~~and~~ and by making

Comment [A31]: On line now.

(ii) make a contribution to the Tree Protection and Related Expenses Trust Fund to compensate for each replacement tree ~~which is not planted that was required~~. The amount of such contribution shall be twice the required amount, pursuant to the formula described in Section 656.1206(h) ~~(14)~~.

(3) ~~For~~ each subsequent violation by the ~~property owner~~ any previous Violator, the amount of such contribution shall be triple the required amount, pursuant to the formula described in Section 656.1206 ~~(h) (14)~~ (i) (1).

(~~3~~4) When there has been a permit issued for the proposed work, any ~~property owner~~ Violator who removes more caliper inches than the number of caliper inches approved in their permit as identified in the final landscape inspection is required to pay triple the required amount for those caliper inches that were not permitted pursuant to the formula described in Section 656.1206(h) (14).

Comment [A32]: Should be increased

(4~~5~~) If the site has been cleared and the trees have been removed from the site so that the Chief is unable to determine with reasonable certainty the number of ~~protected~~ Protected trees removed in violation of this ~~Subpart~~ Part, the violation shall be corrected by the Violator making a contribution to the Tree Protection and Related Expenses Trust Fund equal to \$50,000 per acre, or fraction thereof per each acre, of land cleared, which fine shall be assessed by the Chief. In the event the Chief assesses such a fine, the Chief shall provide the following information in the Notice of Violation, pursuant to subsection (a), to the ~~property owner~~ potential Violators: the amount of acres presumed to be impacted by the site clearing without a permit, the total fine assessed, and any other information or documents the Chief relied upon to calculate the fine ("preliminary

Comment [A33]: Should be increased.

assessment of fine"). The ~~property owner~~ Violator shall have the ability to appeal the preliminary assessment of fine as follows:

- (i) The ~~property owner~~ Violator has the burden of proving the preliminary assessment of fine should be reduced. The property owner shall have 30 days from the receipt of the Notice of Violation to dispute the assessment. The notice of dispute shall be in writing and sent to the Chief via electronic mail and by either hand delivery or certified mail, and contain the following information (if applicable): evidence of the species of trees removed, the total caliper inches removed, the application of any exception or exemption to the trees removed as provided for in this Part, and any other relevant information used to dispute the preliminary assessment of fine. All evidence relied upon to support the dispute, including expert analysis and geographical data, shall also be provided in the notice of dispute.
- (ii) The Chief shall have 30 days to respond to the notice of dispute. The response shall be in writing and shall be sent to the ~~property owner, or his agent~~ Violator, via electronic mail and either hand delivery or certified mail, and shall provide the Final Assessment of Fine based on one of the following determinations: (1) the Chief rejects the basis for the notice of dispute and applies the preliminary assessment of fine as the Final Assessment of Fine; or (2) the Chief accepts all or a portion of the notice of dispute and adjusts the preliminary assessment of the fine, an explanation of the adjustment shall be provided. When the Chief accepts all or a portion of the notice of dispute, the minimum contribution shall be \$5000 for each acre plus twice the contribution amount required for those caliper inches that were removed pursuant to the formula described in Section 656.1206(h) ~~(14)~~.
- (iii) The ~~property owner~~ Violator may appeal the Final Assessment of Fine to the Planning Commission pursuant to the provisions of Section 656.135. For the purposes of this subsection, the use of the term "Director" shall mean "Chief" and "written interpretation" shall mean "Final Assessment of Fine" as such terms are used in Section 656.135.
- (iv) In the event the ~~property owner~~ Violator does not dispute the preliminary assessment of fine within the 30 days as provided for in subparagraph (i), the preliminary assessment of fine shall be the Final Assessment of Fine and shall be deemed the final action of the city and shall be subjected to no further appeal.

- (56) ~~In the event the contractor responsible for the site clearing in violation of this subpart is different than the property owner,~~ in addition to the penalties listed in subparagraphs (2) and (3), above, the contractor shall also be subject to a civil penalty of \$1,000.00 for the first violation, \$2,000.00 for the second violation, and \$3,000.00 for every subsequent violation. Each parcel where the contractor conducts site clearing work without a permit shall be considered a separate violation.
- (67) The contribution assessed under this subsection shall be payable to the Tax Collector within seven days after the non-appealable Final Order is issued. All amounts received by the City pursuant to this subsection shall be deposited into the Tree Protection and Related Expenses Trust Fund established under Section 111.760, except that the Building and Inspection Division shall receive up to \$1,000 per acre for the enforcement of this subsection. No work shall continue on the site until the tree replanting plan has been approved or the contribution or fine has been collected.
- (8) If a Protected tree has been damaged through improper pruning, an assessment shall be performed by a certified Arborist to determine the extent of the damage and if the tree has the capability of recovering and growing to its natural habit. If it is determined that the tree has the potential to recover, a recovery plan shall be required and imposed upon the violator, for the tasks and for the time required to heal the tree. If the arborist determines that the tree cannot recover sufficiently, a certified arboriculture appraiser shall be obtained to perform an appraisal of the value of the tree lost. All consulting fees for the arborist and arboriculture appraiser, if required, shall be the responsibility of the violator.
- (d) *Appeals.* A person aggrieved by an administrative order, determination or decision of the Chief may appeal the order, determination or decision to the Planning Commission pursuant to the provisions of Section 656.135.
- (e) *Violation and penalties.*
- (1) A person who violates any provision of this ~~Subpart~~ Part, and fails to correct the violation as provided herein shall, upon conviction thereof, be guilty of a class D offense and punished accordingly.
- (2) A separate offense shall be deemed to have been committed for each tree removed, damaged or destroyed contrary to the provisions of this Subpart.
- (3) Liability for the violation shall be joint and several as between the property owner, the contractor, the tenant, or

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any other person directing the act deemed to be the violation.

(4) The penalty for improperly pruning a tree as outlined above shall be punishable by the violator paying for the consultants, implementation of the tree recovery plan, if required, the tree removal if required, and for the value of the tree if is not capable of recovery.

(f) *Judicial remedy.* In addition to other remedies and notwithstanding the existence of an adequate remedy at law, the City of Jacksonville may seek injunctive relief in the Circuit Court to enforce the provisions of this ~~Subpart~~Part. The City shall be entitled to reasonable attorney's fees and costs, including appellate fees and costs in an action where the City is successful in obtaining affirmative relief.

(Ord. 91-59-148, § 1; Ord. 93-718-395, § 1; Ord. 2006-422-E, § 124; Ord. [2017-396-E](#), § 1)

SUBPART C. - LANDSCAPING REQUIREMENTS

Sec. 656.1209. - Applicability.

This Subpart shall be applicable to all new landscapes and irrigation systems for public agency projects and private development projects, including, but not limited to, industrial, commercial, recreational, multi-family residential developments and single family residential developments that have not had a plat recorded and have not been accepted for maintenance by the City before April 4, 2011, or to the expansion or renovation of any existing development, including property in government use. Within any three-year period, when the total cumulative renovation of existing development is equal to at least 50 percent of the assessed value of the lot improvements on the start of the three-year period, according to the Property Appraiser, or the total square footage of a structure is expanded to 50 percent or greater, as well as any cumulative square footage expansions totaling 50 percent, the project will be deemed a Qualified Project then this Subpart shall be applicable to existing development and the expansion. If the Qualified Project includes alterations to parking areas or exterior areas where landscaping improvements are required, the area where such project is planned shall also be brought into full compliance with this Subpart. For all other Qualified Projects, 20 percent of the project cost shall be applied to meet the requirements of this Subpart. If full compliance with this Subpart is not achieved through the improvements described herein, priority for improvements shall be given to areas that are visible from public rights-of-way and other public areas and improvements providing internal parking lot shade. All property

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used for right-of-way is specifically exempted from the provisions of this Subpart. No building permit shall be issued in violation of any of the provisions hereof. Landscape materials installed in addition to the minimum requirements of this Subpart, shall meet all criteria of this Subpart except for plant size and quantity. Property located in any single-family Residential District (RR, RLD, or single family residential portion of a PUD) and used as such or property used for agriculture or single-family residential in an Agriculture (AGR) district is excluded from the requirements of Sections 656.1214, 656.1215 and 656.1216. Owners of single family residences within residential subdivisions that have not had a plat recorded and have not been accepted for maintenance by the City before April 4, 2011 shall follow the Best Management Practices for Florida-Friendly landscape, Efficient Irrigation and Water Wise Principles, but shall have flexibility in meeting the requirements as set forth in this Subpart.

(Ord. 91-59-148, § 1; Ord. 93-718-395, § 1; Ord. 2008-910-E, § 1; Ord. 2009-865, § 2; Ord. 2011-74-E, § 2; Ord. [2015-837-E](#), § 1)

Sec. 656.1210. - Landscaping requirements related to Comprehensive Plan policies.

- (a) The preservation of native habitat vegetation during land development activities is required, either through maintenance of natural vegetation on the project site, or through the planting of native vegetation. If through planting, at least 50 percent of all plantings incorporated in an approved landscape plan for any project site shall consist of native vegetation suitable to that site, and at least 60 percent of all post-development vegetation shall be indigenous to the City.
- (b) All new developments shall provide for the conservation and preservation of environmentally sensitive lands, native plant communities and wildlife habitat to maintain the natural ecological types and sustainable populations of wildlife native to the City consistent with the provisions of Objective 3.3, Policy 2.3.7 and associated policies of the Conservation/Coastal Management Element of the Comprehensive Plan.
- (c) All nonresidential land uses except in the CCBD District shall provide a minimum of ten percent of the lot in open space.
- (d) All multiple-family dwellings of 100 dwelling units or more shall be required to provide 150 square feet of recreation open space per dwelling unit.

(Ord. 91-59-148, § 1; Ord. 93-718-395, § 1; Ord. 96-363-234, § 1; Ord. 2009-865, § 2)

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Sec. 656.1211. - Florida-Friendly Landscape and Irrigation design standards.

- (a) All landscapes shall be designed to achieve water efficiency by:
- (1) Preserving existing plant communities;
 - (2) Re-establishing of native plant communities per Comprehensive Plan objectives and polices;
 - (3) Using Florida-Friendly plant materials which are appropriate for the site conditions;
 - (4) Grouping plant material with similar irrigation requirements;
 - (5) Using pervious paving materials; and
 - (6) Using highly drought tolerant grass species per BMPs.

Existing plant communities should be preserved and native plant communities be re-established wherever possible. Landscaped areas requiring irrigation shall be designed to group trees, shrubs, ground cover and turfgrass together into water use zones. The water use zones are as follows:

High Water Use Zone—areas of the site limited to a maximum of 30 percent of the total landscaped area with plants and turf types which, within this area, are associated with moist soils and require supplemental water in addition to natural rainfall to survive. This zone includes nondrought tolerant turfgrass varieties.

Moderate Water Use Zone—areas of the site with plants, including drought tolerant turfgrass varieties, which survive on natural rainfall with supplemental water during seasonal dry periods.

Low Water Use Zone—areas of the site which shall be designed with a minimum 30 percent of the total landscape area provided with plants which survive on natural rainfall without supplemental water. Because of the tendency to maintain turfgrass with supplemental watering, turfgrass shall not be permitted in this zone. The minimum Low Water Use Zone area required for a single-family residential lot may be reduced one percent for every one percent reduction below the maximum High Water Use Zone area provided on the lot.

Plants with similar water and cultivation requirements (soil, climate, sun and light) shall be grouped together and irrigated according to their water requirements.

- (b) Trees shall not be placed where they interfere with site drainage or where they shall require frequent pruning in order

to avoid interference with overhead power lines. Unless otherwise provided in this Section, a minimum number of trees shall be planted or preserved upon each site, pursuant to the following standards which are the minimum requirements for landscaping within the City of Jacksonville.

- (1) Minimum tree planting requirements for all property upon which either a single-family dwelling or a mobile home on an individual lot is located or to be located: One four-inch caliper tree or multiple two-inch minimum caliper trees totaling four caliper inches shall be planted and/or preserved for every 5,000 square feet of lot area, plus an additional two caliper inches for every 2,500 square feet of lot area (but not a portion thereof) in excess of 5,000 square feet, excluding therefrom preserve areas and water bodies. Trees planted shall meet the general criteria specified in subsection (e) (3) hereunder.
- (2) Minimum tree planting requirements for all property other than property upon which either a single-family dwelling or a mobile home on an individual lot is located:
 - (i) One tree shall be planted and/or preserved for every 5,000 square feet of lot area, or portion thereof, which is located in any residentially-zoned district, AGR (Agricultural) District, PBF-2 (Public Buildings and Facilities) District, excepting public facilities), CRO (Commercial Residential Office) District, RO (Residential Office) District, CN (Commercial Neighborhood) District, CCG-1 (Commercial Community General) District, excluding therefrom preserve areas and water bodies.
 - (ii) One tree shall be planted and/or preserved for every 8,000 square feet of lot area or portion thereof, excluding therefrom preserve areas and water bodies in all commercial districts, except as otherwise provided herein.
 - (iii) One tree shall be planted and/or preserved for every 10,000 square feet of lot area or portion thereof, excluding therefrom preserve areas and water bodies in any industrial district or Public Facilities (PBF) District (except private facilities in each district).
- (c) Trees, excluding palm trees, which are larger than the minimum size may be credited as indicated in Table 1. A minimum of 50 percent of all required trees shall be shade trees.
- (d) Trees required for vehicular use area landscaping may be used to fulfill the tree requirements of this Section.
- (e) Standards for landscape materials.
 - (1) *Quality of plants:* All plant material shall be a minimum of Florida Number One as defined in the most current edition of

the Grades and Standards for Nursery Plants, Part I and II, published by the Florida Department of Agriculture and Consumer Services.

- (2) *Appropriate plant selection:* Plants shall be selected that are best suited to withstand the soil and physical growing conditions which are found in the microclimate of each particular location on a site. Plant species that are freeze and drought tolerant are preferred. Plants having similar water needs shall be grouped in distinct water use zones. Protection and preservation of native species and natural areas shall be provided. The planting of invasive plant species and controlled plant species is prohibited. Information regarding plants classified as prohibited, invasive, exotic, controlled or Florida-Friendly can be obtained from the Florida Department of Environmental Protection, the University of Florida/IFAS Duval County Extension Office and the City of Jacksonville, Building Inspection Division, Landscape Section.
- (3) *General criteria for trees :* Trees shall be a species having an average mature crown spread of no less than 15 feet in northeast Florida. Trees having a mature crown spread of less than 15 feet, if grouped to create an equivalent 15 foot spread, may be substituted for the required tree. Single-trunk trees shall be a minimum of two inch caliper and a minimum of ten feet overall height. Multi-trunk trees shall be a minimum of three trunks eight feet high. Trees shall be planted in no less than 16 square feet of planting area, with a minimum dimension of four feet on any side. Trees shall not be planted closer than two feet from any pavement edge or right-of-way line, as measured from center of trunk. Architectural planters for trees shall be no less than four feet by four feet in width and no less than 24 inches deep. Credits for the use of trees larger than the minimum size will be calculated as indicated in Table 1. Fractional measurements shall be attributed to the next lowest category.
- (i) *Shade trees:* Shade trees shall be a species having an average mature crown spread of no less than 30 feet; provided, trees having an average mature crown spread of less than 30 feet may be grouped so as to create a total average mature crown spread of no less than 30 feet and used in lieu of a shade tree. Shade trees at the time of planting shall be a minimum of two inch caliper and ten feet high. Shade trees shall be planted in no less than 150 square feet of planting area, with a minimum dimension on any side of eight feet. Shade trees shall not be planted closer than four feet from any pavement edge or right-of-way line, as measured from center of trunk. Those species of trees whose roots are known to cause damage to

pavement shall not be planted closer than six feet to such pavement.

- (ii) *Palm trees:* Palms shall be a minimum clear trunk height of eight feet, measured from the ground level to the base of the palm fronds. Palms may be substituted for the required trees at the ratio of two palms for each required tree or four palms for each required shade tree, except as provided below for Phoenix Palm. Each palm shall be planted in no less than 16 square feet of planting area, with a minimum dimension of four feet. Phoenix Palm may be used as a non-shade tree without meeting the ratios for other types of palms if the palm has a fifteen foot spread at maturity and a minimum clear trunk height of eight feet.
- (4) *Criteria for shrubs, vines and ground covers:* Hedges and shrubs used to form an opaque screen shall be no less than three-gallon container grown material or equivalent balled and burlap material. All other shrubs, dwarf shrubs and groundcover shall be of a size and spaced in such a manner so as to provide 85 percent coverage within two years after planting. Vines shall be evergreen and shall have a minimum of four stems 12 inches long immediately after planting.
- (5) *Turfgrass:* The species and location of turfgrass areas shall be selected in the same manner as with all other planting regarding BMPs. Turfgrass areas shall be placed so as to be irrigated using separate zones from non-turf plantings. Turfgrass may be sodded, plugged, sprigged or seeded, except that solid sod shall be used on grass areas within street rights-of-way disturbed by construction, in swales, on slopes of four to one or greater, and on other areas subject to erosion. When permanent seed is sown during its dormant season, an annual winter grass shall also be sown for immediate effect and protection until permanent coverage is achieved.
- (6) *Mulch:* A layer of organic mulch shall be applied and maintained in all tree, shrub, ground cover planting areas and bare preserved natural areas. The mulch layer shall not exceed three inches. The use of sustainably harvested mulches such as melaleuca, eucalyptus, recycled organic mulch; dead leaves and pine straw are highly recommended. Gravel mulch is prohibited in plant beds and shall be used only if required by the National Electric Safety Code or in the bottoms of swales, catchment basins and retention areas. Upon review and approval by the Chief, gravel applied in a maximum 24 inch width may be applied at the foundation of buildings for drainage.

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- (7) *General clean up:* At the completion of work, construction trash and debris shall be removed and disturbed areas shall be fine-graded and landscaped with shrubs, groundcover, grass or two inches of mulch.
- (8) *Landscaping materials not required by Subpart C:* Landscaping materials not required by Subpart C shall meet all criteria of Subpart C except for plant size and quality.

Table 1.
Tree and Understory Vegetation Credits—
Landscape Regulations

Table 1 identifies credits for landscaping under Subpart C only. Table 1 does not identify credits for mitigation required by Subpart B.

Tree Credits for Existing Trees		Tree Credits for New Trees	
Trunk DBH	No. of Trees Credited	Single Trunk Trunk Caliper	No. of Trees Credited
2 inch and above	1	2 inch and above	1
4 inch and above	2	4 inch and above	2
6 inch and above	3	6 inch and above	3
12 inch and above	4		
18 inch and above	4		

Tree Credits for Existing Trees		Tree Credits for New Trees	
Trunk DBH	No. of Trees Credited	Multi-Trunk Tree Height	No. of Trees Credited

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24 inch and above	6	8 feet	1
30 inch and above	7	12 feet	2

Understory Vegetation Credits

Area of Preserved Existing Understory	Landscape Area Credited
1 square foot	1½ square feet

(f) *Standards for efficient irrigation design.* The irrigation system may consist of an automatic underground system, micro irrigation, quick coupling valves, or hose bibs located within 75 feet of any landscaped area. The irrigation system shall be installed according to the landscape plan approved pursuant to Section 656.1217. The Chief may waive any irrigation system requirement where it can be shown that this requirement is not necessary to ensure proper irrigation of the area or that other natural or manmade sources of irrigation are sufficient to provide the required irrigation system. Whenever not required, it is strongly recommended that the design requirements of Part 12, which include the BMP, Water Wise Principles and Efficient Irrigation, be followed for single family residential. These standards include, but are not limited to, the following:

- (1) Irrigation systems shall be designed to meet the needs of the plants in the landscape and to separately serve turfgrass and non-turfgrass areas; the plans and specifications shall identify the materials to be used and the construction methods;
- (2) The system design shall consider soil, slope, and other site characteristics in order to minimize waste water, including overspray on hardscape and other impervious surfaces and off-site runoff;
- (3) Automatic irrigation controllers, when utilized, shall contain a functional sensor device for rain or soil moisture which shall be capable of being set for one minute run times, days of the week, seasons, and time of day, and which shall maintain a battery backup capability to retain programming in

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the event of a power failure. The controller shall operate all zones of different precipitation rates independently;

- (4) Sensor devices, when utilized, shall be placed on a stationary structure, free and clear of any overhead obstructions and above the height of the irrigation sprinkler coverage;
- (5) Irrigation zones shall be divided according to available flow rate and matched precipitation rates (inches per hour) for heads within each zone, so that spray heads, rotors, and micro irrigation and shall not be mixed on the same zone; pipelines shall be designed to provide the system with the appropriate pressure required for maximum irrigation uniformity; sprinkler heads in turfgrass areas shall be spaced for head-to-head coverage. Whereby head spacing will not exceed 50 percent spray diameter; irrigation areas shall be no less than four feet wide except when adjacent to a contiguous property or when utilizing micro or drip irrigation;
- (6) Irrigation systems shall be fitted with backflow prevention to protect the water source against backflow using a pressure regulating device;
- (7) Irrigation systems shall not be required for preserved plant communities that are maintained in their natural state and barricaded and not impacted by development. The location and technique for barricading of these areas shall be shown on the site clearing plan. Manual or controlled irrigation systems shall be required on a temporary basis during the re-establishment of native plant communities. Once the native plants are re-established, the system may be removed or abandoned.
- (8) Irrigation systems shall be designed to use the lowest quality water feasible.

(f) Soil volume to tree ratios.

(Ord. 91-59-148, § 1; Ord. 91-761-410, § 1; Ord. 93-718-395, § 1; Ord. 97-192-E, § 3; Ord. 1999-775-E, § 3; Ord. 2008-910-E, § 1; Ord. 2009-864-E, § 2; Ord. 2011-74-E, § 2; Ord. [2015-338-E](#), § 1)

Sec. 656.1212. - Maintenance and protection of landscaping and irrigation systems.

- (a) ~~Maintenance of Landscape~~ Required Landscaping. The property owner shall be responsible for the maintenance of all required landscaping landscaped areas, which shall be maintained in good condition so as to present a healthy, neat and orderly appearance, free of refuse, debris and weeds. The property owner

Comment [A34]: Suggest adding, but not part of pruning rewrite task.

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should refer to the Low Maintenance Zone for additional maintenance requirements and proper use of fertilizers and pesticides pursuant to Chapter 366 Part 6 (Fertilizer Application), Ordinance Code. Failure to maintain required ~~landscaped areas~~ landscaping or to replace, within a reasonable period of time, required landscaping which is dead, irreparably damaged, or fails to meet the standards of this Part, shall be deemed a violation of the Zoning Code. If there is insufficient area to replant the replacement trees on site in the opinion of the Chief, the property owner shall provide for mitigation of such trees pursuant to Section 656.1206(h).

Comment [A35]: Need a better word

- (b) *Maintenance of Irrigation Systems.* The installer shall provide the property owner and users with the manufacturer's guide for the controller and all other equipment provided. If the plans are different from the approved permitted plans, an as-constructed sketch of the installation will be provided to the Owner and the City of Jacksonville Building Inspection Division. All controllers shall be programmed to the appropriate level of water conservation per the St. Johns River Water Management District landscape irrigation rule. Installer shall include a watering schedule which meets the local codes for establishment of plant material and instructions on adjusting the system to apply less water after the landscape is established. The watering schedule shall meet the requirements set forth in Section 656.1217, Ordinance Code.
- (c) *Tree pruning.* Required trees may be pruned pursuant to ANSI # A300, but shall be allowed to develop into their natural habit of growth and shall not be topped, pleached or pruned into topiary, espalier or other unnatural shapes. Trees may be pruned to maintain health and vigor by removal of dead, weak, damaged or crowded limbs, diseased and insect infested limbs, and branches which rub other branches. If trees are pruned in a manner which would prevent them from reaching the mature crown spread required by Section 656.1211(e)(3), or if mature trees are pruned to a height or canopy spread below the requirements of Section 656.1211(e)(3), then the property owner shall provide for mitigation of such trees pursuant to Section 656.1206(h).
- (d) *Protection of Landscape and irrigation systems.* To prevent encroachment by parked or moving vehicles provide wheel stops, landscape timbers, curbs, bollards (if in areas with large truck traffic) or other materials [may be] used for protection. Material selection is subject to the approval of the Chief. Paving, treating or covering a required landscaped area in a way that renders it impervious is prohibited. Shrub risers shall be set back at least two and one-half feet from any edge of pavement.

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(Ord. 91-59-148, § 1; Ord. 93-718-395, § 1; Ord. 2008-910-E, § 1;
Ord. 2009-864-E, § 2)

Sec. 656.1213. - Credit for existing trees and understory.

Whenever the provisions of this Subpart require trees and other landscaping, such requirement may be satisfied by the preservation of existing trees and understory, located in uplands or upland buffer areas, as specified herein, provided all other requirements are met. Trees planted in wetlands and wetland creation areas may also be credited toward mitigation pursuant to Section 656.1206(h) ~~(13)~~.

- (a) Existing trees, except palm trees, may be used to satisfy any requirement for trees pursuant to Table 1.
- (b) Existing trees, including trees located in preserve areas, may be utilized to satisfy any requirement for trees, subject to the following conditions:
 - (1) An area within the dripline of the tree or trees at least one foot in diameter for each inch of trunk diameter shall be preserved in its natural state or covered with pervious landscape material; provided, however, that the minimum area preserved shall be at least 150 square feet for shade trees and at least 25 square feet for all other trees. Such area shall be maintained at its original grade with no trenching or cutting of any roots and there shall be no storage of fill, compaction of soil or any concrete, paint, chemicals or other foreign substance in or on the soil;
 - (2) The tree or trees shall not be damaged from skinning, barking, bumping, and the like;
 - (3) The tree or trees shall be healthy, free from disease, damage and active insect infestation potentially lethal to the tree;
 - (4) Each tree or trees in an existing hammock may be used to satisfy any requirement for trees;
 - (5) If the Chief determines that the requirements relating to the damage or disease of any tree have not been met, such tree may nonetheless be utilized under this Section upon certification from the Urban Forester, Florida Department of Agriculture and Consumer Services, Division of Forestry, satisfactory to the Chief that such tree is healthy and has a reasonably good chance of survival.
- (c) Preserved existing understory vegetation may be utilized to fulfill the landscape area requirement pursuant to Table 1,

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so long as at least 90 percent of the credited area is covered by natural understory vegetation.

- (d) If, at any time within one year after all associated land alteration and construction activities are completed, a tree or understory vegetation for which credit was given according to Table 1 is dead or irreparably damaged or unhealthy as a result of these activities, then the tree or understory vegetation shall be removed and replaced with a tree or trees or such understory vegetation as would have originally been required.

(Ord. 91-59-148, § 1; Ord. 93-718-395, § 1; Ord. 97-434-E, § 1; Ord. 2008-910-E, § 1)

Sec. 656.1214. - Vehicular use area interior landscaping.

- (a) Vehicular use areas open to the public: Except for those uses described in Sections 656.604(e)(1) and 656.604(f)(1), ten percent of vehicular use areas (VUA's) used for off-street parking, employee parking, auto service stations, outdoor retail display and sale of motor vehicles, service drives, and access drives within property located in multifamily, residential, commercial, industrial, and public facilities use zoning districts shall be landscaped. For those uses described in Sections 656.604(e)(1) and 656.604(f)(1), all vehicle use area landscaping shall satisfy the requirements set forth in the Parking Lot Landscaping Matrix, Figure B, set forth in Section 656.607(j). In the event the landscaping required under this section exceeds the requirements set forth in the Parking Lot Landscaping Matrix, Figure B of Section 656.607(j), the requirements of this section shall be relaxed to the extent necessary to comply with the Parking Lot Landscaping Matrix.
- (b) Specialized vehicular use areas closed to the public: Five percent of VUA's used for storage areas for new, used or rental vehicles and boats, bus terminals, motor vehicle service facilities, motor freight terminals, and other transportation, warehousing and truck operations not generally open to the public shall be landscaped.
- (c) Criteria for distribution: Landscape areas shall be distributed throughout the VUA in such a manner as to provide visual and climatic relief from broad expanses of pavement and at strategic points to channelize and define vehicular and pedestrian circulation. Landscape areas shall contain the following:
- (1) At least 25 percent of the landscape areas shall be covered with shrubs; the remainder in shrubs, groundcover, mulch or grass, except that mulch shall cover no more than 25 percent

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of the landscape areas. Plants shall be spaced so as to achieve 90 percent coverage of the landscape areas within two years. Preserved existing understory vegetation may be used to fulfill the landscape area requirement so long as the vegetation meets the height and coverage requirement of the required landscaping;

- (2) Not less than one tree for every 4,000 square feet, or fraction thereof, of the VUA. At least 50 percent of the trees shall be shade trees. Trees shall be distributed so that all portions of the VUA are within a 55-foot radius of any tree.
- (d) Each row of parking spaces shall be terminated by a landscape island with inside dimensions of not less than five feet wide and 17 feet long, or 35 feet long if a double row of parking. Each terminal island shall contain one tree. Each side of the terminal island adjacent to a travel lane shall have a continuous six inch high curb of concrete or other appropriate permanent material. Terminal islands will be credited toward the satisfaction of the landscape area requirements of this Section;
- (e) If it can be shown to the satisfaction of the Chief that the strict application of this Section will seriously limit the function of the property, he may approve the location of the required interior landscape area near the perimeter of the VUA or adjacent to a building on the property, so long as the landscape area is within 20 feet of the perimeter of the VUA.

(Ord. 91-59-148, § 1; Ord. 93-718-395, § 1; Ord. 2009-907-E, § 4;
Ord. 2010-449-E, § 3)

Sec. 656.1215. - Perimeter landscaping.

- (a) Perimeter landscaping adjacent to streets: For those uses described in Sections 656.604(e)(1) and 656.604(f)(1), all perimeter landscaping shall also satisfy the requirements set forth in the Parking Lot Landscaping Matrix, Figure B, set forth in Section 656.607(j). In the event the landscaping required under this section exceeds the requirements set forth in the Parking Lot Landscaping Matrix, Figure B of Section 656.607(j), the requirements of this section shall be relaxed to the extent necessary to comply with the Parking Lot Landscaping Matrix. All VUA's which are not entirely screened by an intervening building from any abutting dedicated public street or approved private street, to the extent such areas are not so screened, shall contain the following:
- (1) Except for those uses described in Sections 656.604(e)(1) and 656.604(f)(1), a landscaped area of not less than ten square feet for each linear foot of VUA street frontage, 50

percent of which shall be at least a five-foot wide strip abutting the street right-of-way except for driveways. For those uses described in Sections 656.604(e)(1) and 656.604(f)(1), the landscape area is determined by the total number of parking spaces provided and the parking rate. All perimeter landscaping shall conform to Section 656.607(j), Parking Lot Landscaping Matrix, Figure B. Landscaped area calculations shall be met exclusive of any driveway width. The remaining required landscape area shall be located within 30 feet of the street right-of-way;

- (2) A durable opaque landscape screen along at least 75 percent of the street frontage excluding driveways. Shrubs, walls, fences, earth mounds and preserved existing understory vegetation, or combination thereof, may be used so long as the screen is no less than three feet high measured from the property line grade two years after installation. Shrubs and preserved existing understory vegetation shall be evergreen, a minimum of 18 inches in height and spaced so that 85 percent opacity is achieved within two years. Shrubs located within three feet of a directional sign as defined in Section 656.1302(e) are not required to meet the minimum height requirements of this subsection. Walls or fences shall be no more than four feet in height and of wood or masonry at least 85 percent opaque. Earth mounds shall not exceed a slope of three to one. No less than 25 percent of street side frontage of walls or fences shall be landscaped with shrubs or vines;
- (3) No less than one tree, located within 25 feet of the street right-of-way, for each 50 linear feet, or fraction thereof, of VUA street frontage. The trees may be clustered, but shall be no more than 75 feet apart. At least 50 percent of the trees shall be shade trees. If an overhead power line abuts the street frontage, then the required trees reaching a mature height greater than 25 feet shall be located at least 20 feet away from the power line;
- (4) The remainder of the landscape area shall be landscaped with trees, shrubs, groundcovers, grass, or mulch, except that mulch shall not exceed 25 percent of the total landscape area;
- (5) Landscape areas required by this Section shall not be used to satisfy the interior landscape requirements. However, the gross area of the perimeter landscaping which exceeds the minimum requirements may be used to satisfy the interior landscape requirements;
- (6) If a railroad or utility right-of-way separates the VUA from the public street or approved private street, the perimeter landscaping requirements of this Section shall still apply.

- (b) Perimeter landscaping adjacent to abutting properties: For those uses described in Sections 656.604(e)(1) and 656.604(f)(1), all perimeter landscaping shall also satisfy the requirements set forth in the Parking Lot Landscaping Matrix, Figure B, set forth in Section 656.607(j). In the event the landscaping required under this section exceeds the requirements set forth in the Parking Lot Landscaping Matrix, Figure B of Section 656.607(j), the requirements of this section shall be relaxed to the extent necessary to comply with the Parking Lot Landscaping Matrix. All vehicular areas which are not entirely screened by an intervening building from an abutting property, to the extent such areas are not screened, shall contain the following:
- (1) A continuous landscape area at least five feet wide between the VUA's and the abutting property, landscaped with shrubs, groundcovers, preserved existing vegetation, mulch and grass.
 - (2) No less than one tree, located within 25 feet of the outside edge of the VUA, for every 50 linear feet, or fraction thereof, of the distance the VUA abuts the adjacent property. Trees may be clustered but shall be no more than 75 feet apart. At least one-half of the required number of trees shall be shade trees.
 - (3) A buffer wall between incompatible land uses as required by Section 656.1216, if applicable.
 - (4) If an alley separates the VUA from the abutting property, the perimeter landscaping requirements shall still apply.
- (c) Existing landscape screen: If an existing landscape screen has been established on abutting property, then it may be used to satisfy the requirements of this Section, so long as the existing landscape screen is abutting the common property line, and it meets all applicable standards of this Subpart.
- (d) Driveways to streets: The maximum width of any driveway not containing a landscaped island through the perimeter landscape area shall be 36 feet. The maximum width of any driveway containing a landscaped island through the perimeter landscape area shall be 48 feet and the driveway shall contain a landscaped island which measures not less than eight feet in width (from back of curb to back of curb) and 18 feet in length, surrounded by a six inch continuous raised curb, or other alternative approved by the Chief. The maximum combined width of all driveways through the perimeter landscape area shall be no more than 48 feet for properties with 100 feet or less of street frontage. For properties with more than 100 feet of street frontage, an additional one foot of driveway through the perimeter landscape area may be constructed for each four feet of street frontage in excess of 100 feet. In no event shall more

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than 50 percent of any street frontage be paved, nor shall the provisions of this Section be applied to reduce the permitted driveway width to less than 24 feet.

- (e) Driveways to adjoining lots: Driveways may be permitted by the Chief to adjoining lots of compatible use. The maximum number of driveways which may be allowed shall be determined by first calculating the total length of the VUA perimeter adjacent to property lines of compatible use, less the portion of the VUA separated from the common property line by a building and less the portion of the perimeter VUA separated from the compatible use by a jurisdictional wetland or waterbody and then applying the following criteria:

Net Length of Perimeter VUA	Maximum Number of Driveways
50-149 feet	2
150-299 feet	3
300-599 feet	4
For each additional 500 feet	1 additional driveway

The maximum width of any driveway to an adjacent lot shall be 24 feet. The area of the continuous five feet wide perimeter landscape strip normally required where each driveway occurs shall be incorporated into the required perimeter landscape area to each side of the driveway.

- (f) If a joint driveway easement is provided between adjacent property, then the required perimeter landscaping for each property shall be provided between the drive and any other vehicular use areas. That portion of the drive on each property shall be counted as part of the VUA of each property.

(Ord. 91-59-148, § 1; Ord. 93-718-395, § 1; Ord. 2008-910-E, § 1; Ord. 2009-907-E, § 4; Ord. 2010-449-E, § 3)

Sec. 656.1216. - Buffer standards relating to uncomplementary land uses and zoning.

- (a) Where uncomplementary land uses or zoning districts are adjacent, without an intervening street, a buffer strip shall be

required between the uses or zoning districts. Such buffer strip shall be at least ten feet, except as set forth in the Parking Lot Landscaping Matrix, Figure B, set forth in Section 656.607(j), in width the entire length of all such common boundaries. The following shall constitute uncomplementary uses and zoning districts:

- (1) Multiple-family dwelling use or zoning districts (three or more attached units) when adjacent to single-family dwelling(s) or lands zoned for single-family dwellings.
 - (2) Office use or zoning districts, when adjacent to single-family or multiple-family dwellings, mobile home parks or subdivisions or lands zoned for single-family or multiple-family dwellings, mobile home parks or subdivisions.
 - (3) Mobile home park use or zoning districts, when adjacent to single-family dwellings, multiple-family dwellings and office uses, or lands zoned for single-family dwellings, multiple-family dwellings or offices.
 - (4) Commercial and institutional uses or zoning districts, when adjacent to single-family dwellings, multiple-family dwellings or mobile home parks or mobile home subdivision uses or lands zoned for single-family dwellings, multiple-family dwellings or mobile home parks or mobile home subdivision.
 - (5) Industrial uses or zoning districts, when adjacent to any nonindustrial uses or zoning districts other than agricultural land uses or zoning districts.
 - (6) Utility sites such as transmission or relay towers, pumping stations, electrical sub-stations, telephone equipment huts or other similar uses when adjacent to single-family dwellings, multiple-family dwellings, mobile homes, offices, institutional uses or zoning districts or adjacent to public or approved private streets.
 - (7) On property zoned for government use, the proposed government use most similar to the land uses or zoning districts specified above shall determine the buffer standards.
- (b) Buffer material requirements shall be as follows:
- (1) *Tree count.* The total tree count required within the buffer strip shall be determined by using a ratio of one tree for each 25 linear feet of required buffer strip, or majority portion thereof, with a minimum of 50 percent of the trees being shade trees. Trees shall be spaced so as to allow mature growth of the trees, but spaced no greater than 40 feet on center.

- (2) *Ground cover.* Grass or other ground cover shall be planted on all areas of the buffer strip required by this Section which are not occupied by other landscape material.
 - (3) *Visual screen.* A visual screen running the entire length of common boundaries shall be installed within the buffer strip, except at permitted access ways. The visual screen may be a wood, wood composite, or masonry wall, PVC fence, landscaping, earth mounds or combination thereof so long as such strips shall provide at the time of installation a minimum of 85 percent opacity for that area between the finished grade level at the common boundary line and six feet above such level and horizontally along the length of all common boundaries. Plants or preserved vegetation shall be evergreen, a minimum of five feet tall at the time of installation, and spaced so that 85 percent opacity is achieved within two years. Earth mounds shall not exceed a slope of three to one. If a visual screen, which satisfies all applicable standards, exists on adjacent property abutting the property line or exists between the proposed development on the site and the common property line, then it may be used to satisfy the visual screen requirements. Except for industrial uses or ones, whenever a preserve area or water body at least 100 feet wide when measured perpendicular to the property line separates the uncomplementary uses, then the visual screen height requirement shall be reduced to three feet and the buffer strip width shall be reduced to five feet, when measured from the top of the lake bank or the jurisdictional wetland edge. If a plant is used for the visual screen, it shall be a minimum height of 24 inches at the time of installation.
 - (4) *Prevailing requirement.* Whenever parcels of land fall subject to both the perimeter landscaping requirements and the uncomplementary land use buffer strip requirements of the article, the latter requirements shall prevail.
 - (5) *Hardship.* If the Chief determines that the construction of a landscape buffer area required by this article would create a hardship for the existing structures or vehicular use areas, the Chief may approve a buffer area with a width no less than five feet, provided such buffer area meets the visual screening requirements of this article.
- (c) The buffer strip shall not be used for principle or accessory uses and structures, vehicular use areas, dumpster pads, signs, equipment, storage. Slopes within buffer strips shall not exceed four to one.
 - (d) If a water body exists along the common property line between uncomplementary uses which is less than 100 feet wide when measured perpendicular to the property line then the buffer

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strip shall be established between the use and the water body. Preserve areas may be used as buffer strips, so long as the tree and visual screen requirements can be satisfied.

(Ord. 91-59-148, § 1; Ord. 93-718-395, § 1; Ord. 2008-910-E, § 1; Ord. 2010-449-E, § 3)

Sec. 656.1217. - Landscape and Irrigation system plans required.

- (a) Prior to the issuance of any building permit or paving permit, a landscape plan shall be filed with, reviewed by, and approved by the Chief. The landscape plan shall be prepared by either the owner, if for minor work or for a single-family residential lot, or a licensed, registered landscape architect, bearing his seal, or shall be otherwise prepared by persons authorized to prepare landscape plans or drawings pursuant to F.S. Ch. 481, Pt. II (Landscape Architecture).
- (b) The landscape plan required hereunder shall be drawn to scale, including dimensions and distances and shall:
 - (1) Delineate the vehicular use areas, access aisles, driveways, and similar hardscape features;
 - (2) Include either a quick coupler, hose bib or irrigation system plan as part of the landscape plan submittal;
 - (3) Include plans for a quick coupler or hose bib systems; include the point of connection, well, water meter or other approved water source, backflow prevention device, pipe sizes and locations, sleeve sizes and locations and detail of quick coupler, valves and hose bibs; a hose vacuum breaker is required at each hose bib;
 - (4) Include plans for an automatic irrigation system - Refer to part (c) of this section for the plan requirements;
 - (5) Indicate the location and identify by botanical or common name, the existing vegetation;
 - (6) Designate by name and location the plant material to be installed or preserved in accordance with the requirements of this Part;
 - (7) Identify and describe the location and characteristics of all landscape materials to be used; for calculation purposes identification of all native and Florida-Friendly plant materials shall be shown in the plant schedule.
 - (8) Show all landscape features, including areas of vegetation required to be preserved by law, in context with the location and outline of existing and proposed buildings and other improvements upon the site if any;

- (9) Provide an analysis of the existing soil. The analysis shall include but not be limited to the determination of soil texture with an indication of the percentage of organic matter; measurement of pH, total soluble salts and the estimated filtration rate; if required, it should include an approach for appropriate soil amendments;
 - (10) Include a tabulation clearly displaying the relevant statistical information necessary for the Chief to evaluate compliance with the provisions of this Part. This includes gross acreage, square footage of preservation areas, number of trees to be planted or preserved, protected tree removals and mitigation calculations, square footage of paved areas, and such other information as the Chief may require;
 - (11) Contain such other information, as may be required by the Chief, to the extent such information is reasonable and necessary to a determination that the landscape plan meets the requirements of this Part; and
 - (12) Indicate all overhead and underground utilities located on the property and in the right-of-way adjacent to the property to which the landscape plan applies. This shall include overhead and underground electric service lines to all proposed buildings.
 - (13) Identify the location, size and height of any signs, other than temporary signs, located or to be located on the property.
- (c) The required automatic, quick coupler or hose bib irrigation system plan shall be provided prior to the issuance of the building permit or other City issued permit. If an automatic irrigation system is provided in lieu of an approved quick coupler or hose bib plan and the plans were not part of the approved building permit, then the automatic irrigation system plans must be submitted to the Building Inspection Division for review and approval prior to the issuance of a Certificate of Occupancy. The plans must be drawn to scale, including dimensions and distances, and shall include:
- (1) Irrigation point(s) of connection (POC) and design capacity; water meter or well size and location; type of water, potable or reclaimed; backflow prevention device at each POC as may be required by local codes;
 - (2) Location of main line and all lateral pipes with sizes; location of control valves with sizes and zone number clearly identified; automatic controller, sensor devices; specific irrigation heads by type; location of pump;
 - (3) Delineation of high water use zones, moderate use zones and low water use zones, as set forth in Section 656.1211;

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- (4) Watering schedule with precipitation rates in inches per hour and minutes per zone which shall not exceed maximums set by the St. Johns River Water Management District, with all of the product data sheets for deriving precipitation rates for each valve circuit attached;
 - (5) Irrigation legend with the following elements: separate symbols for all irrigation equipment with different spray patterns and precipitation rates and pressure compensating devices; general description of equipment; manufacturer's name and model number for all specified equipment; recommended operating pressure per nozzle and bubbler and low flow emitter; manufacturer's recommended over-head and bubbler irrigation nozzle rating in gallons per minute (gpm), or gallons per hour (gph) for volume point applicators; minimum (no less than 75 percent of maximum spray radius) and maximum spray radius per nozzle; and manufacturer's rated precipitation rate per nozzle at specified psi.
- (d) Prior to the issuance of any building permit or paving permit, a landscape and irrigation system plan shall be required for any residential subdivision that has not had a plat recorded and has not been accepted for maintenance by the City. In lieu of submitting an individual landscape and irrigation system plan for each residential lot, one or more typical landscape and irrigation system plans may be submitted that govern the landscaping and irrigation systems for the residential lots within the development. All landscaping and irrigation systems within the residential subdivision shall be developed and installed in accordance with the submitted typical landscape and irrigation system plan or plans for that residential subdivision.

(Ord. 91-59-148, § 1; Ord. 93-718-395, § 1; Ord. 2008-910-E, § 1;
Ord. 2009-864-E, § 2; Ord. 2011-74-E, § 2)

Sec. 656.1218. - Intersection visibility.

Where an accessway intersects with another accessway within a vehicular use area, where an accessway is located within a vehicular use area, or where an accessway intersects with a street right-of-way, cross visibility within the triangular areas described below shall be unobstructed at a level between two and eight feet above elevation of adjacent pavement. Only trees with trunks free of vegetation and limbs within the cross-visibility area, other landscaping, wall and earth mounds not exceeding a height of two feet, utility poles, and traffic signs shall be allowed within the triangular areas. No parking shall be allowed within the triangular areas. The triangular areas are:

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- (a) The area of property on both sides of an accessway which intersects with another accessway within a vehicular use area. Two sides at each triangle shall extend six feet each way from the point of intersection, the third side being a line connecting the ends of the other two sides;
- (b) The area of property on both sides of an accessway where the accessway intersects with a street right-of-way. Two sides of each triangle shall extend ten feet each way from the point of intersection, the third side being a line connecting the ends of the other two sides;
- (c) The area of property located at the corner formed by the intersection of two or more street rights-of-way. Two sides of each triangle shall extend 25 feet along the right-of-way lines, measured from their point of intersection, the third side being a line connecting the ends of the other two sides.

(Ord. 91-59-148, § 1; Ord. 93-718-395, § 1)

Sec. 656.1219. - Scenic and historic corridors.

Notwithstanding the provisions of this Part, the Council may designate by ordinance, scenic and historic corridors which may establish conditions, procedures and/or standards on any street right-of-way including approved private streets in order to protect their special historic, architectural, archaeological, aesthetic or cultural interest. Upon designation of any scenic and historic corridor by Council, all plans, permits, improvements including maintenance, etc. thereon shall be in strict accordance with the conditions, procedures and/or standards imposed by Council.

(Ord. 91-59-148, § 1; Ord. 93-718-395, § 1)

Sec. 656.1220. - Modification to landscaping requirements.

A modification to the landscaping requirements of this Subpart B may be permitted on a lot if the landscape plan has been approved by the Planning Department in accordance with the site plan review procedures of Section 656.404. Modifications to the landscaping requirements of this Subpart B which are found not to be contrary to the public interest and without which, owing to special conditions, a literal enforcement of the landscape provisions would result in unnecessary and undue hardship may be permitted by the Planning Department, provided that the landscape modification meets the spirit and intent of this Subpart and is a relocation, not an overall reduction, of the landscape requirements within the property.

(Ord. 91-59-148, § 1; Ord. 93-718-395, § 1; Ord. 2002-714-E, § 4)

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Sec. 656.1221. - Education.

To assist in public information, the education of its citizens, and the effective implementation of this ordinance, the City will coordinate its efforts with those of the St. Johns River Water Management District and the Duval County Agricultural Extension Service or other agencies. In conjunction with the agencies, the City will jointly sponsor workshops and/or short courses on the design principles and standards of water-efficient landscaping.

(Ord. 93-261-143, § 1)

Sec. 656.1222. - Buffer requirements for residential subdivisions.

- (a) *Tree survey required.* A tree survey of the site which shows all protected trees 11.5 inches DBH or greater shall be provided. The tree survey shall be prepared by a licensed registered surveyor, landscape architect, or arborist, however other professionals such as a wetland scientist or environmental professional may also submit a tree survey. Where the applicant believes that no protected trees 11.5 inches DBH or greater exist on the site, he may submit a "No Tree Verification" Affidavit stating that no protected trees 11.5 inches DBH or greater exist on the site, together with the required permit fee. If the affidavit is substantiated by an inspection of the site, a "No Tree Verification" Authorization shall be issued. If it is determined upon inspection that a tree or trees requiring a permit are found on the property, the permit fee shall be quadrupled.
- (b) *Buffer required.* An average 20-foot natural buffer area is required along all perimeters of the site adjacent to any public or approved private right-of-way. The buffer area shall run the entire length of the right-of-way, shall not be less than 15 feet wide, and shall be subject to the standards of the Land Development Procedures Manual. The Chief may approve a buffer strip of less than 15 feet in instances when there is a unique hardship or circumstances that do not provide for any other practical alternative. Notwithstanding this subsection, the buffer area shall not exceed ten percent of the actual developable acreage of the site.
- (c) *Additional buffer standards along rights-of-way classified as collector or higher.* In addition to the requirements in subsection (b), if property abuts a right-of-way classified as a collector or higher on the City of Jacksonville Functional Highway Classification Map, then additional screening shall be provided as provided in this subsection (c).
- (1) *Type of screening.* Screening may be a berm, brick wall, landscaping, masonry wall, natural buffer, ornamental metal

fencing, stucco wall, vinyl fencing, or other composite material subject to all provisions of this subsection. A combination of these screening types is permitted. If wood fencing is used, it shall be located at the inside edge of the buffer required by subsection (b).

- (2) *Minimum Standards*. Conservation areas, amenity areas, and aesthetically designed stormwater retention areas may not be subject to the minimum standards of this subsection, and transparency in these areas shall be subject to review and approval by the Planning and Development Department. For all other areas, the following minimum standards shall apply without exception:
- (i) *Height*. Screening shall be a minimum of six feet in height and height shall be measured from the design grade adjacent to the screening.
 - (ii) *Location and setback*. Required landscaping and tree planting shall always be located on the right-of-way side of any wall or fence. Screening requirements within the buffer other than landscaping, shall be set back between 10 feet and 20 feet from the right-of-way. Screening shall be at least four feet from any sidewalk.
 - (iii) *Opacity*. Screening shall be 85 percent opaque, unless otherwise permitted by definition.
 - (iv) *Relief*. Fence or wall screening shall contain one relief every 100 feet, as the term relief is defined in subsection (3). Exceptions for relief along a wall or fence shall not be deducted from meeting the average 20-foot required setback.
- (3) *Definitions*. For the purposes of this Section, the following definitions and limitations apply:
- (i) *Berm* means a mound or embankment of earth and subject to subsection (2).
 - (ii) *Brick* means a molded rectangular block of clay baked by the sun or in a kiln until hard and used as a building and paving material and subject to subsection (2).
 - (iii) *Composite material* means any combination of soft material like polyethylene, hard plastic like polypropylene, and hard wood, which is combined to produce a durable, long-lasting end product, subject to subsection (2).
 - (iv) *Landscaping* means planting materials including, but not limited to, trees, shrubs, ground covers, grass, flowers, and other similar materials, all subject to subsection (2). If landscaping is used without any other screening

options, then the plants used for landscaping shall be sized at least five gallon, evergreen, and spaced so that 85 percent opacity and the height requirement in subsection (2) is achieved within two years.

- (v) *Masonry* means stone, concrete, or other similar material other than brick and subject to subsection (2).
 - (vi) *Natural Buffer* means an area set aside for the preservation of natural vegetation and subject to subsection (2). This term does not preclude the clearing of understory/secondary vegetation. Trees that are three inches DBH or more are considered protected trees within a natural buffer. Any tree removed from a natural buffer shall be mitigated for within the natural buffer. Replacement trees mitigated for within a natural buffer shall be at least three inches DBH and shall not count towards meeting other tree planting requirements as described in 656.1222(e) or individual planting requirements on a residential lot.
 - (vii) *Ornamental metal* means a screening made of various weather resistant iron, metal, or similar materials. Ornamental metal may be less than 85 percent opaque subject to review by the Department.
 - (viii) *Relief* means a projection or recess of at least 24 inches from the screening plane to provide visual differentiation along the plane. Landscaping may not be used to meet the relief requirement. Projections may be located within the required buffer and do not add additional feet to any buffer requirement.
 - (ix) *Stucco* means a durable finish made from cement, sand, and lime or other similar materials and may be placed over a commercial grade foam core or other similar material and subject to subsection (2).
 - (x) *Vinyl fencing* means any screening made of any of various tough plastics and subject to subsection (2).
- (d) *Platting, maintenance, and open space credit.* The buffer area and any additional screening shall be recorded on the plat and may be part of a lot or a separate tract. If part of a lot, the buffer area and any additional screening shall be maintained by the lot owner. If part of a separate tract, the buffer area and any additional screening shall be maintained by the homeowners' association in perpetuity. If the buffer area and additional screening is recorded as a separate tract on the plat then the site shall receive the equivalent area as a credit towards meeting recreation and open space requirements, not to exceed 25% of the required recreation and open space requirement.

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- (e) *Removal of trees in required buffer.* Trees within the required buffer area may be removed, subject to the permit requirements of Section 656.1206, Ordinance Code. Trees mitigated within the buffer shall be replaced within the buffer. At least one tree, a minimum of four inches DBH, shall be planted or preserved every 40 feet on center along perimeters of the site which are adjacent to roadways. If trees cannot be planted every 40 feet because of conditions including, but not limited to, drainage easements, the Chief may approve an alternative visual screen, consistent with subsection (c) regardless of the classification of the abutting right-of-way.
- (f) *Improvements permitted in buffer .* No new structures, impervious surfaces, unpaved vehicular use areas or other improvements shall be constructed within the designated buffer area other than fences, gates, mailboxes, necessary driveways, necessary sidewalks, and permitted signs.

(Ord. 1999-775-E, § 4; Ord. 2006-23-E, § 1; Ord. 2008-910-E, § 1)

Sec. 656.1223. - JEA Neighborhood Below Ground Pump Stations.

- (a) *Landscape Performance Standards* The visual impacts of the below ground pump stations sites shall be mitigated through the use of a landscaping buffer outside the security fence. The buffer shall be a minimum 5' at the street frontage and a minimum of 10' on all other sides and subject to and consisting of the following:
- (1) A row of shade trees, beginning at the halfway point along each side fence and across the back, with no trees allowed in the front of the pump station, planted a minimum of 25' on center. At the time of planting, the trees shall be a minimum 10' tall with a 2" caliper; and
 - (2) A row of evergreen shrubs such as viburnum, ligustrum, holly or juniper, or any other evergreen shrub permitted by Section 656.1223, a minimum of 3' tall at time of planting, planted at 3' on center; and
 - (3) A 6' tall privacy fence with black vinyl privacy slats and a minimum 10' wide privacy gate; and
 - (4) The required landscaping shall be properly maintained through an irrigation system with rain sensor.
- (b) Deviations from the standards in subsection (a) must be reviewed and approved by JEA and by the City's Landscape Architect.

(Ord. 2008-910-E, § 1)

INDEX CODE	Index Code Titles	BUDGET	Actual	Encumbrance	Unencumbered Budget Balance	Reserves	Unencumbered Balance net of Reserves
Subfund 15F Revenue							
PWOD15FTP	TREE PROTECTION & RELATED EXPENSES	31,640,503	44,825,432		13,184,929		13,184,929
JXSF15FPW	TREE PROTECTION & RELATED EXPENDITURES	8,332,649	8,964,993		632,344		632,344
JXSF15F	TREE PROTECTION & RELATED EXPENDITURES	-	8,580		8,580		8,580
TRIN15FFR31R	TRF TO 15F TREE PROTECTION FR 31F	392	392		-		-
	CONVERSION AND NONCASH REVENUE ENTRIES		338,836		338,836		338,836
	Total Subfund 15F Revenue	39,973,545	54,138,234	-	14,164,689		14,164,689
* Subfund 15F Expenditures							
PWOD15FFSAS	FORREST STREET ASH SITE TREE/PLANTING	587,850	581,856	5,995	-	-	-
PWOD15FNMS	NORTH MAIN STREET LANDSCAPING	62,057	51,611	10,446	-	-	-
PWOD15FBDas	BROWN'S DUMP ASH SITE TREE/PLANTING	364,730	342,361	22,370	-	-	-
PWOD15FFCAS	5TH & CLEVELAND ASH SITE TREE/PLANTING	494,215	376,792	117,423	-	-	-
PWOD15FDCS	DUVAL COUNTY SCHOOL BOARD PROPERTY	125,000	32,757	-	92,244	-	92,244
PWOD15FDTP	DOWNTOWN TREE PLANTING	38,822	32,568	6,254	-	-	-
PWOD15FZLAE	ZOO LANDSCAPING-ASIAN EXHIBIT	1,824,408	792,976	1,031,432	-	-	-
PWOD15FIBCL	INTERSEC,BRIDGE,MISC 09/10 LANDSCAPING	100,000	81,532	-	18,468	-	18,468
PWOD15FROW	COUNTY-WIDE TREE PROG-RIGHT OF WAY	4,979,980	4,672,461	126,466	181,053	-	181,053
PWML15F	TREE MAINTENANCE	2,149,689	2,125,253	290	24,146	-	24,146
PWOD15FATPP	AVONDALE TREE PLANTING PLAN	31,233	24,986	6,247	-	-	-
PWOD15FKSCP	KING ST. PLANTING COLLEGE TO PARK	85,366	69,260	16,106	-	-	-
PWOD15FHAMM	HAMMOND BLVD PROJECT	175,761	-	-	175,761	-	175,761
PWOD15FVPP	COUNTY-WIDE TREE PROG-PRESERVATION PARKS	1,000,000	485,146	-	514,854	-	514,854
PWOD15FVAP	COUNTY-WIDE TREE PROG-ACTIVE PARKS	1,151,965	619,420	-	532,545	-	532,545
PWOD15FOSABP	OLD ST.AUG AT BARTRAM PARK	18,364	14,691	3,673	-	-	-
PWOD15FLAVC	LENOX AVE.PLANTING VERNA TO CASSAT	26,436	21,149	5,287	-	-	-
PWOD15FPRBB	PATTON RD AND BEACH BLVD TREE PLANTING	32,203	13,346	18,857	0	-	0
PWML15F630CT	630-CITY TREE PLANTING PROG	200,000	950	-	199,050	-	199,050
PWOD15FMANRD	MANDARIN ROAD TREE PLANTING	103,840	21,173	8,066	74,601	-	74,601
PWOD15FSPRTR	SPRINGFIELD PRESERVATION TREE PLANTING	278,872	-	81,923	196,949	-	196,949
PWOD15FRAPR	RIVERSIDE AVONDALE PRES - RELEAF	781,748	-	-	781,748	-	781,748
PWOD15FLTTPP	LEVEL 2 TREE PLANTING PROGRAM	1,000,000	-	-	1,000,000	-	1,000,000
PWOD15FTP	TREE PROTECTION & RELATED EXPENSES	3,548,513	2,097,444	-	1,451,069	1,449,105	1,964
JXSF15FPW	TREE PROTECTION & RELATED EXPENDITURES	2,000,635	-	-	2,000,635	2,000,635	-
JXSF15F	TREE PROTECTION & RELATED EXPENDITURES	1,865,741	-	-	1,865,741	1,865,741	0
	Subfund 15F Expenditures	23,027,427	12,457,729	1,460,834	9,108,863	5,315,481	3,793,383

* Includes accounts with encumbrances and budget balances

Unencumbered Budget Balance
 Revenues
 Expenditures
 Unencumbered Balance net of Reserves

14,164,689
 9,108,863
 (3,793,383)

INDEX CODE	Index Code Titles	BUDGET	Actual	Encumbrance	Unencumbered Budget Balance	Reserves	Unencumbered Balance net of Reserves
Subfund 15F Available to Appropriate (Budget less Actual less Encumbrance less Unencumbered Budget balance)							19,480,169

INDEX CODE	Index Code Titles	BUDGET	Actual	Encumbrance	Unencumbered Budget Balance	Reserves	Unencumbered Balance net of Reserves
Subfund 15N Revenue							
PWOD15NTM	TREE MITIGATION & RELATED EXPENSES	305,139	4,946,808	-	4,641,669		
	Total Subfund 15N Revenue	305,139	4,946,808	-	4,641,669	-	-
*	Total Subfund 15N Revenue	305,139	4,946,808	-	4,641,669		4,641,669
*Subfund 15N Expenditures							
PWOD15NHR	HARTS ROAD TREE PLANTING	7,548	1,294	6,253	-	-	-
JXSF15N	TREE MITIGATION & RELATED EXPENSE	1	-	-	1	1	-
	MANDARIN ROAD TREE PLANTING	62,205	13,286	3,321	45,598		45,598
PWOD15FPRBB	PATTON RD AND BEACH BULD TREE PLANTING	62,080	62,080	-	-	-	-
	Subfund 15N Expenditures	131,834	76,661	9,575	45,599	1	45,598
* Includes accounts with encumbrances and budget balances							
Subfund 15N Available to Appropriate (Budget less Actual less Encumbrance less Unencumbered Budget balance)							4,641,670
Better Jacksonville Plan							
PWCP351MIT	TREE MITIGATION PROJECT	1,717,826	-	-	1,717,826	-	1,717,826
Better Jacksonville Plan (for Tree Mitigation) Available to Appropriate (Budget less Actual less Encumbrance less Unencumbered Budget balance)							1,717,826
Total 15F and 15N Funds							24,121,840
Better Jacksonville Plan - TREE MITIGATION PROJECT							1,717,826
Grand Total 05/06/2019							25,839,666
Grand Total 04/08/19							26,007,765
Difference							(168,099)

05/06/19

	FY2018	FY2018	FY2018	FY2018	FY 2019	FY 2019	FY 2019	FY 2019	FY 2019	FY 2019	FY 2019	FY2019
<u>FY 2018 Revenues by month</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>
34375 TREE MITIGATION FUNDS - ARTICLE 25	28,520	15,035	78,707	34,100	48,100	112,999	96,792	54,168	26,146	119,640	47,804	-
361101 INVESTMENT POOL EARNINGS	19,610	40,772	40,877	45,812	-	27,825	31,552	39,249	42,747	54,262	56,976	-
36602 CONTRIBUTIONS FROM PRIVATE SOURCES	198,555	31,240	52,700	(120,465)	215,352	794,660	181,300	215,544	30,044	1,684,300	159,248	-
(15F) TREE PROTECTION & RELATED EXPENDITURES	246,685	87,047	172,284	(40,553)	263,452	935,484	309,644	308,961	98,936	1,858,202	264,028	-
34375 TREE MITIGATION FUNDS - ARTICLE 25	125,245	15,620	103,331	23,325	52,875	152,212	45,675	198,209	15,905	8,633	14,162	-
361101 INVESTMENT POOL EARNINGS	3,539	7,409	7,695	8,828	-	5,404	6,137	7,646	8,450	10,914	11,460	-
(15N) TREE MITIGATION & RELATED EXPENSE	128,784	23,029	111,026	32,153	52,875	158,591	51,812	205,855	24,356	19,547	25,622	-
	375,468	110,076	283,310	(8,400)	316,327	1,094,075	361,456	514,816	123,292	1,877,749	289,650	-

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TREE MITIGATION CITY OF JACKSONVILLE

TREE REMOVAL PERMIT INFORMATION

Click here to search detailed information on Site Clearing and Tree Removal Permits. In reviewing tree removal information on a specific permit, for "B" permits click on the Spec 2 tab; for "L" permits click on the Tree Mitigation tab.

TREE FUND CITY PLANTING PROJECTS

Click here to search detailed information about City Tree Fund Planting Projects.

AVAILABLE FOR APPROPRIATION

15F (Ordinance):	\$19,480,169.59
15N (Charter):	\$4,641,670.32
Better Jacksonville Plan - Tree Mitigation Project:	\$1,717,826.00
Total:	\$25,839,665.91

FILE AN ISSUE

Click here to report site clearing or tree removal without a permit, or to request tree maintenance on public property. In the CARE System, select "Tree Remove or Landscape Violation" from the dropdown.

Disclaimer: The AVAILABLE FOR APPROPRIATION information shown on this page is updated nightly from the City's financial records, but does not include any pending appropriations, or other financial transactions of the funds which have not been completed.

If you experience difficulty viewing or accessing the documents provided on this site, or navigating this application's table features, using any assistive technology please contact the Disabled Services Division at 904-630-4940 or 904-630-4933 (TTY) to request an accommodation.

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FY	DOC_NO	DOC SUFFIX	Sub fund	VENDOR_NAME	Amount	INDEX_CODE	Index Code Title
2019	CTPW07000014	01	15F	JACKSONVILLE ZOOLOGICAL SOCIETY	1031432.38	PWOD15FZLAE	ZOO LANDSCAPING-ASIAN EXHIBIT
2019	PO3019740001	04	15F	THE DAVEY TREE EXPERT COMPANY	29663.46	PWOD15FROW	COUNTY-WIDE TREE PROG-RIGHT OF WAY
2019	PO3019740003	02	15F	THE DAVEY TREE EXPERT COMPANY	5994.5	PWOD15FFSAS	FORREST STREET ASH SITE TREE/PLANTING
2019	PO3019740004	02	15F	THE DAVEY TREE EXPERT COMPANY	22369.5	PWOD15FBDAS	BROWN'S DUMP ASH SITE TREE/PLANTING
2019	PO3019740005	02	15F	THE DAVEY TREE EXPERT COMPANY	117423	PWOD15FFCAS	5TH & CLEVELAND ASH SITE TREE/PLANTING
2019	PO7A02942006	01	15F	THE DAVEY TREE EXPERT COMPANY	10445.81	PWOD15FNMS	NORTH MAIN STREET LANDSCAPING
2019	PO7A02942017	01	15F	THE DAVEY TREE EXPERT COMPANY	6254.01	PWOD15FDTP	DOWNTOWN TREE PLANTING
2019	PO7A02942018	01	15F	THE DAVEY TREE EXPERT COMPANY	3672.84	PWOD15FOSABP	OLD ST.AUG AT BARTRAM PARK
2019	PO7A02942019	01	15F	THE DAVEY TREE EXPERT COMPANY	16105.92	PWOD15FKSCP	KING ST. PLANTING COLLEGE TO PARK
2019	PO7A02942021	01	15F	THE DAVEY TREE EXPERT COMPANY	6246.52	PWOD15FATPP	AVONDALE TREE PLANTING PLAN
2019	PO7A02942023	01	15F	THE DAVEY TREE EXPERT COMPANY	5287.17	PWOD15FLAVC	LENOX AVE.PLANTING VERNA TO CASSAT
2019	PO7A02942025	01	15N	THE DAVEY TREE EXPERT COMPANY	6253.17	PWOD15NHR	HARTS ROAD TREE PLANTING
2019	PO7A02942026	01	15F	THE DAVEY TREE EXPERT COMPANY	18856.68	PWOD15FPRBB	PATTON RD AND BEACH BLVD TREE PLANTING
2019	PO8A01798017	01	15F	LEWIS TREE SERVICE, INC.	290.35	PWML15F	TREE MAINTENANCE
2019	PO8A01798019	01	15F	LEWIS TREE SERVICE, INC.	88946.82	PWOD15FROW	COUNTY-WIDE TREE PROG-RIGHT OF WAY
2019	PO9A04239000	02	15F	ALLSTAR IRRIGATION	7856	PWOD15FROW	COUNTY-WIDE TREE PROG-RIGHT OF WAY
2019	PO9A05520000	01	15F	FERNANDINA MULCH & STONE, LLC.	8066.35	PWOD15FMANRD	MANDARIN ROAD TREE PLANTING
2019	PO9A05520000	02	15N	FERNANDINA MULCH & STONE, LLC.	3321.49	PWOD15NMANRD	MANDARIN ROAD TREE PLANTING
2019	PO9A06015000	01	15F	FERNANDINA MULCH & STONE, LLC.	81922.79	PWOD15FSPRTP	SPRINGFIELD PRESERVATION TREE PLANTING