

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	29,476,043	41,187,143		11,711,099		11,711,099
JXSF15FPW	TREE PROTECTION & RELATED EXPENDITURES	7,923,308	8,692,476		769,168		769,168
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	37,399,743	50,227,427	-	12,827,683		12,827,683
* Subfund 15F Expenditures							
PWOD15FFSAS	FORREST STREET ASH SITE TREE/PLANTING	587,850	581,856	5,995	-	-	-
PWOD15FNMS	NORTH MAIN STREET LANDSCAPING	62,057	40,000	22,057	-	-	-
PWOD15FBDA5	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	26,314	12,508	-	-	-
PWOD15FZLAE	ZOO LANDSCAPING-ASIAN EXHIBIT	1,824,408	689,345	1,135,063	-	-	-
PWOD15FIBCL	INTERSEC, BRIDGE, MISC 09/10 LANDSCAPING	100,000	78,279	2,435	19,286	-	19,286
PWOD15FROW	COUNTY-WIDE TREE PROG-RIGHT OF WAY	4,679,980	4,613,147	36,078	30,756	-	30,756
PWML15F	TREE MAINTENANCE	2,149,689	1,766,333	-	383,356	-	383,356
PWOD15FATPP	AVONDALE TREE PLANTING PLAN	31,233	-	31,233	-	-	-
PWOD15FKSCP	KING ST. PLANTING COLLEGE TO PARK	85,366	-	85,366	-	-	-
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	-	18,364	-	-	-
PWOD15FLAVC	LENOX AVE. PLANTING VERNA TO CASSAT	26,436	-	26,436	-	-	-
PWOD15FHR	HARTS ROAD TREE PLANTING	23,718	-	23,718	-	-	-
PWOD15FPRBB	PATTON RD AND BEACH BLVD TREE PLANTING	32,203	-	32,203	-	-	-
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	2,365,741	-	-	2,365,741	2,365,741	-
	Subfund 15F Expenditures	20,886,686	11,749,191	1,571,248	7,566,246	5,815,481	1,750,766
* Includes accounts with encumbrances and budget balances							
Unencumbered Budget Balance							
Revenues							12,827,683
Expenditures							7,183,296
Unencumbered Balance net of Reserves							(1,367,815)
Subfund 15F Available to Appropriate (Budget less Actual less Encumbrance less Unencumbered Budget balance)							18,643,164

INDEX CODE	Index Code Titles	BUDGET	Actual	Encumbrance	Unencumbered Budget Balance	Reserves	Unencumbered Balance net of Reserves
PWOD15NTM	Subfund 15N Revenue						
	TREE MITIGATION & RELATED EXPENSES	242,934	4,409,641	-	4,166,707	-	-
	Total Subfund 15N Revenue	242,934	4,409,641	-	4,166,707	-	-
*	Total Subfund 15N Revenue	218,642	4,492,716	-	4,211,074		4,211,074
	*Subfund 15N Expenditures						
PWOD15NBTP	BAKERSFIELD DRIVE TREE PLANTING	8,306	8,306	-	-	-	-
PWOD15NHR	HARTS ROAD TREE PLANTING	7,548	-	7,548	-	-	-
JXSF15N	TREE MITIGATION & RELATED EXPENSE	1	-	-	1	1	-
PWOD15FPRBB	PATTON RD AND BEACH BVLD TREE PLANTING	62,080	-	62,080	-	-	-
	Subfund 15N Expenditures	77,935	8,306	69,628	1	1	-
	* Includes accounts with encumbrances and budget balances						
	Subfund 15N Available to Appropriate (Budget less Actual less Encumbrance less Unencumbered Budget balance)						4,166,708
PWCP351MIT	Better Jacksonville Plan						
	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						22,809,872
	Better Jacksonville Plan - TREE MITIGATION PROJECT						1,717,826
	Grand Total 10/08/18						24,527,698
	Grand Total 10/08/18						24,795,832
	Difference						(268,134)

10/08/18

<u>FY 2018 Revenues by month</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>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>FY2018 TOTAL YTD</u>	<u>FY2019 October</u>
34375 TREE MITIGATION FUNDS - ARTICLE 25	29,814	92,473	122,106	20,783	17,931	44,254	67,398	63,240	28,520	15,035	78,707	34,100	614,361	2,220
361101 INVESTMENT POOL EARNINGS	-	28,746	8,309	28,967	29,022	16,588	29,738	33,435	19,610	40,772	40,877	25,905	301,970	-
36602 CONTRIBUTIONS FROM PRIVATE SOURCES	265,708	277,561	107,546	34,255	461,900	115,320	221,340	184,915	198,555	31,240	52,700	15,935	1,966,975	9,188
(15F) TREE PROTECTION & RELATED EXPENDITURES	295,522	398,780	237,960	84,005	508,853	176,162	318,476	281,590	246,685	87,047	172,284	75,940	2,883,306	11,408
34375 TREE MITIGATION FUNDS - ARTICLE 25	112,400	31,245	428,600	40,190	26,115	29,635	158,550	42,000	125,245	15,620	103,331	24,750	1,137,681	3,900
361101 INVESTMENT POOL EARNINGS	-	4,498	1,311	4,979	5,137	2,928	5,203	5,982	3,539	7,409	7,695	4,992	53,672	-
(15N) TREE MITIGATION & RELATED EXPENSE	112,400	35,743	429,911	45,169	31,252	32,563	163,753	47,982	128,784	23,029	111,026	29,742	1,191,353	3,900
	407,922	434,523	667,871	129,175	540,106	208,725	482,229	329,572	375,468	110,076	283,310	105,682	4,074,659	15,308

10/9/18

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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)	\$18,643,164.16
15N (Charter)	\$4,166,708.17
Better Jacksonville Plan - Tree Mitigation Project	\$1,717,826.00
Total:	\$24,527,698.33

FILE AN ISSUE

Click here to report site cleaning 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) for assistance or accommodation.

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10/9/2018

FISCAL_YR	DOC_NO	C_SUF	UND	VENDOR_NO	DOR_SU	VENDOR_NAME	Amount	INDEX_CODE	Index Code Title
2018	CTPW07000014	01	15F	591319010	01	JACKSONVILLE ZOOLOGICAL SOCIETY	1,135,063.14	PWOD15FZLAE	ZOO LANDSCAPING-ASIAN EXHIBIT
2018	PO3019740001	04	15F	340176110	07	THE DAVEY TREE EXPERT COMPANY	36,077.50	PWOD15FROW	COUNTY-WIDE TREE PROG-RIGHT OF WAY
2018	PO3019740003	02	15F	340176110	07	THE DAVEY TREE EXPERT COMPANY	5,994.50	PWOD15FFSAS	FORREST STREET ASH SITE TREE/PLANTING
2018	PO3019740004	02	15F	340176110	07	THE DAVEY TREE EXPERT COMPANY	22,369.50	PWOD15FBDAS	BROWN'S DUMP ASH SITE TREE/PLANTING
2018	PO3019740005	02	15F	340176110	07	THE DAVEY TREE EXPERT COMPANY	117,423.00	PWOD15FFCAS	5TH & CLEVELAND ASH SITE TREE/PLANTING
2018	PO7A02942006	01	15F	340176110	06	THE DAVEY TREE EXPERT COMPANY	22,057.00	PWOD15FNMS	NORTH MAIN STREET LANDSCAPING
2018	PO7A02942008	02	15F	340176110	06	THE DAVEY TREE EXPERT COMPANY	519.50	PWOD15FIBCL	INTERSEC,BRIDGE,MISC 09/10 LANDSCAPING
2018	PO7A02942010	01	15F	340176110	06	THE DAVEY TREE EXPERT COMPANY	538.20	PWOD15FIBCL	INTERSEC,BRIDGE,MISC 09/10 LANDSCAPING
2018	PO7A02942015	01	15F	340176110	06	THE DAVEY TREE EXPERT COMPANY	865.96	PWOD15FIBCL	INTERSEC,BRIDGE,MISC 09/10 LANDSCAPING
2018	PO7A02942017	01	15F	340176110	06	THE DAVEY TREE EXPERT COMPANY	12,508.02	PWOD15FDTP	DOWNTOWN TREE PLANTING
2018	PO7A02942018	01	15F	340176110	06	THE DAVEY TREE EXPERT COMPANY	18,364.21	PWOD15FOSABP	OLD ST.AUG AT BARTRAM PARK
2018	PO7A02942019	01	15F	340176110	06	THE DAVEY TREE EXPERT COMPANY	85,366.23	PWOD15FKSCP	KING ST. PLANTING COLLEGE TO PARK
2018	PO7A02942021	01	15F	340176110	06	THE DAVEY TREE EXPERT COMPANY	31,232.60	PWOD15FATPP	AVONDALE TREE PLANTING PLAN
2018	PO7A02942023	01	15F	340176110	06	THE DAVEY TREE EXPERT COMPANY	26,435.84	PWOD15FLAVC	LENOX AVE.PLANTING VERNA TO CASSAT
2018	PO7A02942025	01	15N	340176110	11	THE DAVEY TREE EXPERT COMPANY	7,547.54	PWOD15NHR	HARTS ROAD TREE PLANTING
2018	PO7A02942025	02	15F	340176110	11	THE DAVEY TREE EXPERT COMPANY	23,718.27	PWOD15FHR	HARTS ROAD TREE PLANTING
2018	PO7A02942026	01	15F	340176110	11	THE DAVEY TREE EXPERT COMPANY	32,202.87	PWOD15FPRBB	PATTON RD AND BEACH BLVD TREE PLANTING
2018	PO7A02942026	02	15N	340176110	11	THE DAVEY TREE EXPERT COMPANY	62,080.49	PWOD15NPRBB	PATTON RD AND BEACH BLVD TREE PLANTING

1,640,364.37

CITY OF JACKSONVILLE TREE PLANTING PROJECTS - ACTIVE

See jaxtreemitigation.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		Complete/Inspect
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	Project and Inspection Complete 6/11/18
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		Punchlist 8/24/18
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		5/11/2018	5/11/2018	8/20/2018		Complete/Inspect
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						Scheduling
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		7/19/2018	7/19/2018	8/20/2018		In Progress
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		10/12/2018				In Progress
7	Harts Rd. II 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		Complete/Inspect

Sec. 656.1203.- Definitions. [In the legislation that carries these revisions, the codifiers (Municode) will be directed to remove the letters preceding each definition and place the definitions in alphabetical order.]

* * *

~~(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.~~

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Substitute Shade Tree- 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.

* * *

Terminal Island means the curbed landscape area provided at the ends of each single parking row.

* * *

Sec. 656.1206. - Permit procedure and criteria for tree removal, relocation and replacement of private or public protected trees.

* * *

(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~~ A300), and any additional conditions of such permit.

* * *

Sec. 656.1207. - Tree protection during development.

All protected trees, 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 International Society of Arboriculture ("ISA") Best Management Practices for Managing Trees During Construction, latest edition ~~National Arborist Association Pruning Standards for Shade Trees~~ and the American National Standards for Tree Care Operations (ANSI #~~Z133.1~~A300) published by the Tree Care Industry Association, Inc. ("TCIA"), 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 according to the ISA and TCIA standards immediately after damage occurs.

(d) An inspection confirming the correct placement of the temporary barriers for tree protection shall be made by the

Building Inspection Division prior to the issuance of any land clearing permit. An additional inspection confirming the continued existence and placement of the temporary tree protection barriers shall be made by the Building Inspection Division prior to any vertical construction permit on the site.

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 has been or is being committed, he shall issue a written Notice of Violation or order upon the person or persons responsible for the violation, which shall ~~may~~ include, but not be limited to, each and all of the following: the property owner, permit holder, and contractor (if known and if different person(s) or entities) 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.

(b) Stopping work. Whenever, in the opinion of the Chief, by reason of a violation of any provision of this Subpart, 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 shall be corrected as follows:

(1) When there is work done without a permit, the property owner shall 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 the 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(~~hg~~). The property owner shall also submit a 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

(2) When there is no permit, the violator shall 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 by making a contribution to the Tree Protection and Related Expenses Trust Fund to compensate for each replacement tree which is not planted. The amount of such contribution shall be twice the required amount, pursuant to the formula described in Section 656.1206(~~hg~~) (14). For each subsequent violation by the property owner, the amount of such contribution shall be triple the required amount, pursuant to the formula described in Section 656.1206(~~hg~~) (14).

(3) When there has been a permit issued for the proposed work, any property owner 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(~~hg~~) (14).

(4) 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 trees removed in violation of this Subpart, the violation shall be corrected by 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: 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 assessment of fine"). The property owner shall have the ability to appeal the preliminary assessment of fine as follows:

(i) The property owner 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, 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(hg) (14).

* * *

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

* * *

- (c) Trees, excluding palm trees, which are larger than the minimum size may be credited as indicated in Table 1. A minimum of fifty percent (50%) of all required trees shall be shade Shade trees, and Substitute Shade Trees cannot exceed 25% of this shade tree requirement.

* * *

- (e) Standards for landscape materials.

* * *

- (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 of planting area, excluding curb, except Shade trees and Substitute Shade Trees shall comply with the minimum planting area for Shade trees specified herein. Trees shall not be planted closer than two feet from any pavement edge or right-of-way line, as measured from center of trunk, except Shade trees and Substitute Shade Trees shall not be planted closer than specified herein. 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 ("Substitute Shade Trees"). Substitute Shade trees shall not exceed 25% of the total Shade tree requirement. Shade trees at the time of planting shall be a minimum of two inch caliper and ten feet high. Shade trees and Substitute 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. Live Oaks and other ~~Those~~ species of trees whose roots are known to cause damage to pavement shall not be planted closer than six feet to such pavement, thus, an island would need to measure at least 12 feet in width and length in order to meet this requirement.

- (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~~ four palms grouped together to create a total average mature crown spread of 15 feet in diameter for each required tree or ~~four~~ eight palms grouped together to create a total average mature crown spread of no less than 30 feet in diameter for each required ~~shade~~ Shade tree, except as provided below for Phoenix Palms. Substitute Shade Trees, including all species of palms used as Substitute Shade Trees, shall not exceed 25% of the total Shade tree requirement. Each palm shall be planted in no less than 16 square feet of planting area, with a minimum dimension of four feet, except that palm groupings used as Substitute Shade Trees shall comply with the minimum Shade tree

planting area requirements specified herein.
Phoenix Palms 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 at the time of planting.

* * *

(f) *Standards for efficient irrigation design.* The irrigation system ~~may~~shall consist of an automatic underground system, ~~micro irrigation, or 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:

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

(a) Maintenance of Landscape. The property owner shall be responsible for the maintenance of all 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 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 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, the property owner shall provide for mitigation of such trees pursuant to Section 656.1206 (~~hg~~).

(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 and public and private protected trees 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)~~g).

(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.

Sec. 656.1214. - Vehicular use area interior landscaping.

- (a) Vehicular use areas open to the public: Except for professional and business offices, including medical and dental offices or clinics, and business, commercial or personal service establishments ~~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 professional and business offices, including medical and dental offices or clinics, and business, commercial or personal service establishments ~~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.

* * *

- (d) Each row of parking spaces shall be terminated by a landscape island ("Terminal Island") with inside dimensions of not less than ~~five~~ eight feet wide, excluding the curb, and 17 feet long for standard sized parking spaces, and 15 feet long for compact spaces. ~~7 or 35 feet long if a double row of parking.~~ If a double row of parking spaces is planned, two terminal islands shall be provided as shown in the graphic below. Each terminal island shall contain at least one tree. Each Shade tree shall have a minimum planting area of 150 square feet, exclusive of curb. Each side of the Terminal Island ~~terminal island~~ adjacent to a travel lane shall have a continuous six inch high curb of concrete or other appropriate permanent material. Terminal Islands ~~islands~~ will be credited toward the satisfaction of the landscape area requirements of this Section;

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[GRAPHIC FOR DOUBLE TERMINAL ISLAND HERE]

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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)~~ professional and business offices, including medical and dental offices or clinics, and business, commercial or personal service establishments, all perimeter landscaping shall also satisfy the requirements of the "3 per 1,000" criteria 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)~~ professional and business offices, including medical and dental offices or clinics, and business, commercial or personal service establishment uses, 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 an five~~eight~~-foot wide strip abutting the street right-of-way except for driveways. For the uses described above, ~~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;

* * *

(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, except that Substitute Shade Trees shall be clustered or grouped in compliance with the spacing requirements specified in Sec. 656.1211(e)(3)-(4). At least 50 percent of the trees shall be Shade Trees ~~shade trees~~. Substitute Shade Trees shall not exceed 25% of the shade tree requirement. 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; However, if an overhead electrical transmission and/or distribution line runs along the street frontage, then the following recommendations shall apply:

(i) Tree plantings within, or that intrude into, an established utility easement, must be compatible with the vegetative management of, and intended use of, the site, and discourage incompatible vegetation that may pose concerns, including safety, security, access, fire hazard, utility service reliability, emergency restoration, visibility, line-of-sight requirements, regulatory compliance, and environmental, or other specific concerns.

(ii) Trees reaching a maximum mature height of 14 feet (Small Trees) may be planted adjacent to neighborhood electrical lines.

(iii) Trees reaching a mature height greater than 14 feet that are in, or that intrude into, an established electrical utility right-of-way, will be subject to established electrical line clearance maintenance standards specified by Florida State Statute 163.3209 Electrical transmission and distribution line right-of-way maintenance. In order to minimize clearance maintenance, the following set backs are suggested:

(1) Trees reaching a mature height of between 14 feet and 30 feet (Medium Trees) are recommended to be set back a minimum of 30 feet from the electrical line.

(2) Trees reaching a mature height of greater than 30 feet (Large Trees) should be set back a minimum of 50 feet from the electrical line.

See also the diagrams below:

[INSERT FPL GRAPHIC HERE]

(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; however, the requirements of subsection (3), above, shall also apply.

* * *

(b) Perimeter landscaping adjacent to abutting properties: For ~~those uses described in Sections 656.604(e)(1) and 656.604(f)(1),~~ professional and business offices, including medical and dental offices or clinics, business, commercial or personal service establishment uses, all perimeter landscaping shall also satisfy the requirements of the "3 per 1,000" criteria 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-eight~~ 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, except that Substitute Shade Trees shall be clustered or grouped in compliance with the spacing requirements specified in Sec. 656.1211(e)(3)(i). At least one-half of the required number of trees shall be shade trees.

* * *

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

(a) Where uncomplimentary ~~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 uncomplimentary ~~uncomplementary~~ uses and zoning districts :

* * *

(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, except that Substitute Shade Trees shall be clustered or grouped in compliance with the spacing requirements specified in Sec. 656.1211(e)(3).

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

* * *

(b) The landscape plan required hereunder shall be drawn to scale, including dimensions and distances and shall:

* * *

(2) Include ~~either a quick coupler, hose bib or an~~ automatic underground irrigation system plan as part of the landscape plan submittal;

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(3) Include plans for an irrigation zone schedule that meets the limitations of Sec. 366.504, Ordinance Code ~~and 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, and valves and hose bibs; a hose vacuum breaker is required at each hose bib;~~

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(c) ~~The required automatic, or 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 If the plans~~ for an automatic underground irrigation system 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:

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Questions:

1. Should automatic irrigations systems be required for SF homes? In this version, they are. See Sec. 656.1211(f) and 656.1217.
2. Should interior and perimeter landscape requirements be relaxed for professional and business offices, including medical and dental offices or clinics and business, commercial or personal service establishments? They are currently relaxed to only meet the Parking Lot Matrix in Part 6 of the Zoning Code.
3. Should the definitions in Sec. 656.1222 (Buffer requirements for residential subdivisions) be located in the general definitional section of Part 12?

The following Shade Tree Subcommittee suggestions were not addressed:

- a. Follow up inspection 9-10 months after issuance of CO to assure compliance with landscaping for commercial buildings so that developer can replace with own warranty.
- b. Hiring an additional Landscape Inspector for irrigation and tree viability inspections.
- c. Tree Commission Chair to establish a subcommittee for educational program on proper tree/bush pruning.

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