



Dev 101: Get to Know Fort Worth's Updated Urban Forestry Ordinance

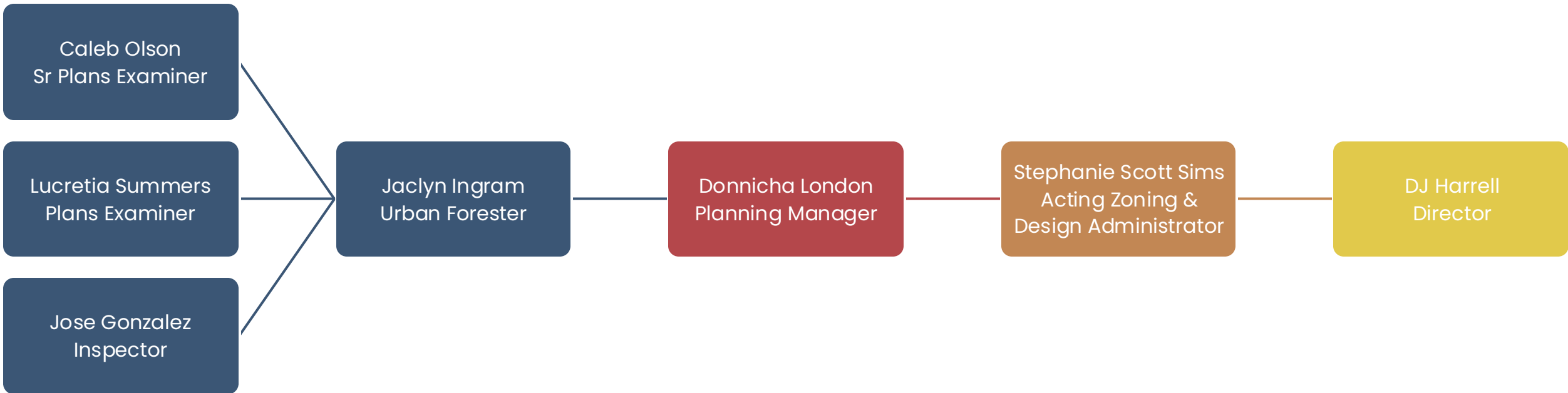


Presented by Jaclyn Ingram,
Urban Forestry Officer
ISA TX-4095A



Development Services

Who We Are - Urban Forestry Staff



Purpose

- CFW ORD. § 6.302 – Urban Forestry (UF)
- Trees have a positive economic effect on the city by enhancing property values, mitigating drainage and flooding issues, improving air quality, helping save energy, and improving health and quality of life, making the city a more attractive place in which to live, visit and do business.
- It is the purpose of this section to achieve 30% tree canopy coverage citywide and to promote a multi-aged urban forest. This may be accomplished by addressing the preservation and protection of healthy and significant trees, providing for the replacement and replanting of trees that are removed during development, and establishing additional tree canopy.
- Link to [Urban Forestry Ordinance](#)



Urban Forestry History

1873	1 st Urban Forestry Ordinance
1926	Hired 1 st City Forester
1997	1 st Urban Forest Master Plan Drafted (not adopted)
2007	Established 30% canopy goal
2009	Regs moved to Zoning Ord. & UDC takes over duties of UFB
2018	Increase in clearcutting
2021	Specifies responsibility for imposing fines
2024	Urban Forest Master Plan Adopted

FORT WORTH
URBAN FOREST
MASTER PLAN
2023

Engagement and data analysis for the Urban Forest Master Plan led to identification of the following goals for Fort Worth's urban forest:

- Goal 1.** Continue to manage the urban forest as an asset using industry standards and best practices and adequate resources for sustainable management.
- Goal 2.** Preserve and expand the urban forest to address tree equity, resiliency, urban heat, air quality, human health, and other challenges facing Fort Worth.
- Goal 3.** Strengthen urban forest programs through coordination, integration, professionalism, and funding to meet the needs of a growing city and urban forest.
- Goal 4.** Invigorate equitable engagement for a community-wide commitment to care for and grow Fort Worth's urban forest.

RECOMMENDATION 2.

Develop and implement changes to tree regulations, standards, and best practices to support Fort Worth's tree canopy and sustainability goals.

Short-Term Target 2: Draft the changes to Urban Forestry Ordinance that do not require stakeholder involvement (e.g., updated terminology, definitions, authority, and alignment with other ordinances). Evaluate additional recommended changes and draft proposed ordinance language. Seek input from local arborists, community leaders involved with urban forestry, and professionals familiar with Fort Worth's permitting process.

Implementation of Urban Forest Master Plan

When is an UF Permit Required?

Applicability §6.302(d)

- Removal of trees 6" DBH and larger (diameter at breast height – 4.5' from ground)*
- Construction requiring building permit
- Expansions that increase footprint by 30%+ or 3,000 square feet
- Clearing, grading, or paving of land including parking lots
- Subdivision of land greater than 1 acre for one- or two-family dwellings
- Construction of manufactured home or recreational vehicle parks
- Mixed-Use (MU) zoned properties – required to provide 50% canopy coverage of open space
- New agricultural development involving tree removal
- Public projects that will physically change the surface or will require tree removal

*Protected Species Only

When is a UF Permit Not Required?

Exemptions §6.302(e)

- Structures that do not create or expand building square footage or temporary structures when no trees are removed
- Single residential lot **with a one- or two-family dwelling** that is one acre or less
- Change in use of an existing structure, unless the structure is expanded by 30%+ or 3,000 square feet
- Any area within a design district that has Urban Forestry standards
 - Form based codes including Berry/University, Camp Bowie, Near Southside, Panther Island, Trinity Lakes, and Urban Residential
- Construction or expansion in “H” central business district
- Airport operating areas
- Any tree deemed unsafe, in easement, or in conflict with other ordinances or Gas Well Sites

When to apply?

Once you know what trees are out there and you can provide a site plan

Reach out any time with your concerns. It is smart to ask about location before spending too much time on plans if protected trees will need to be removed.

- **Before Platting**
- **With Platting**
- **BEFORE a Building Permit**
- **BEFORE a Grading Permit**

3 Major Components

Preservation

- Typically, must preserve 25% of existing protected species canopy

Mitigation

- To remove a significant size tree (18" cross timber oak or 24" protected)
 - Preserve 1.5x
 - Pay mitigation fee
 - Plant 5x the canopy

Provided Canopy

- Based on land use
 - 20% industrial
 - 30% commercial
 - 40% residential
 - 50% of provided open space for MF and MU
 - 5% for UR

UF Permits and Required Coordination

Types of UF Permits

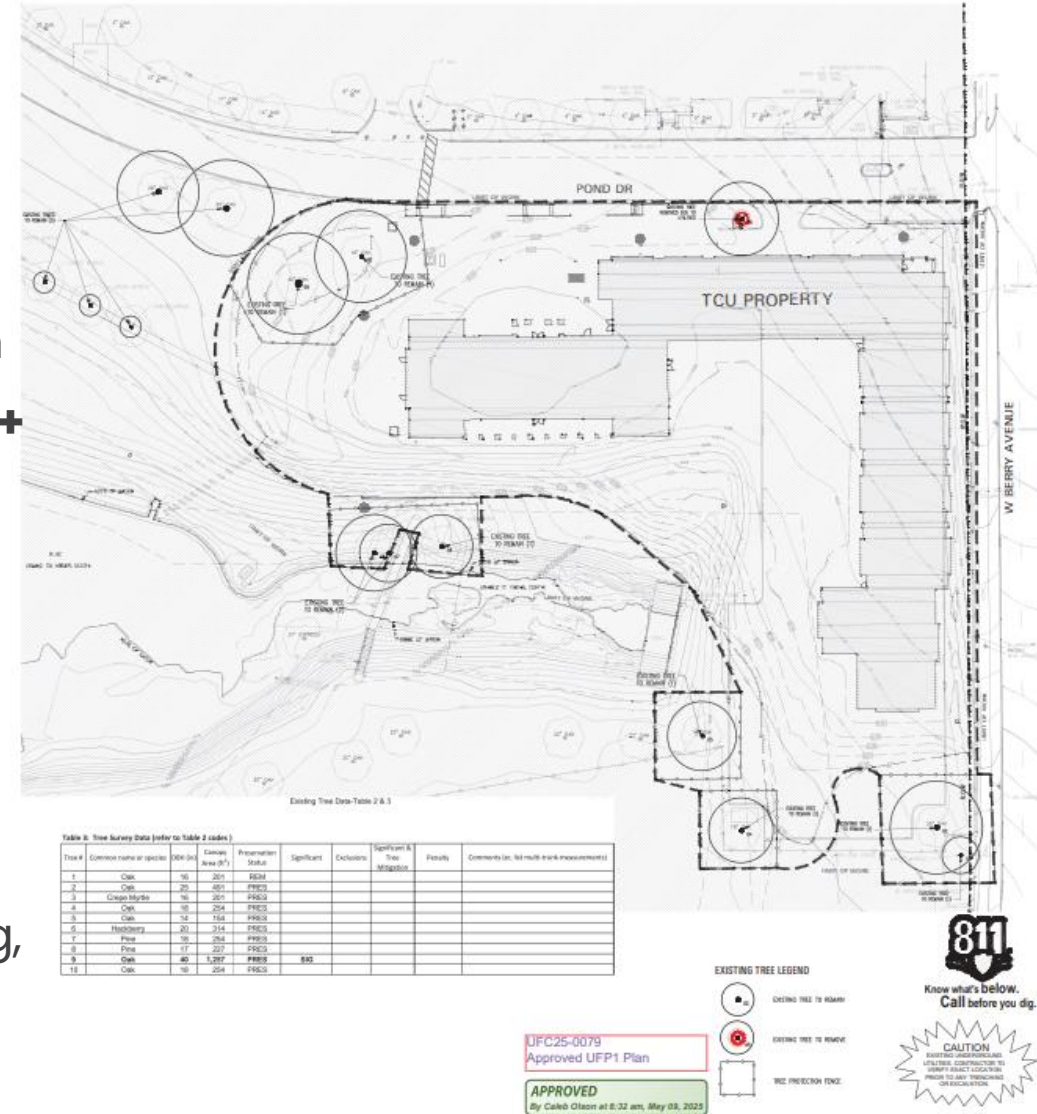
- Tree Removal
 - Required before removing any tree 6" or greater in DBH
 - Issued for single-tree removals
 - Must demonstrate compliance with preservation and mitigation requirements
- Urban Forestry Compliance (UFC)
 - Required for removal of more than 1 tree or any development requiring a building permit
 - Includes submission and approval of a UFP1 or UFP2
 - Runs with the land if progress toward implementation is made

Coordinating Permits Requiring UFP1 or UFP2 Approval

- Demolition/Razing
 - Standard note that approval of razing permit does not allow for tree removal, if removing trees must submit UFC or tree removal permit
- Grading
 - UFC application submitted, an approved stamped UFP1
- Fill
 - UFC application submitted, an approved stamped UFP1
- Building
 - UFC application submitted, an approved stamped UFP2

Phase 1 – UFP1

- Provides **EXISTING CONDITIONS**
- Specify if protected species present, no protected species, no existing trees, or exempt from preservation
- **If protected on site, MUST PROVIDE SURVEY for 6" DBH+**
- **Significant at 18" Post or Blackjack Oak and 24" DBH for others**
- Proposed tree protective fencing, chain-link for significant trees
- **Must show ALL CONSTRUCTION IMPACTS**
 - Ingress, egress, staging, parking, wash stations, portable toilet, etc.
- **Inspection** after UFP1 approval and before any grading, clearing, or fill permit is issued



TEXAS CHRISTIAN UNIVERSITY

DR: CAMPUS HOLDINGS - SITE B

FORT WORTH, TX 76109

Landscape Architect

swa

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Dallas, Texas
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Stamp



03/17/2023

Revisions

- 1
- 2
- 3
- 4
- 5

Date
03/17/2023

Phase
CONSTRUCTION DOCUMENTS

Job Number
F8431401

Scale

North

1" = 30'

1" = 30'

Drawing Title

SITE B - PHASE 1 URBAN FORESTRY PLAN

Drawing Number

L1.1

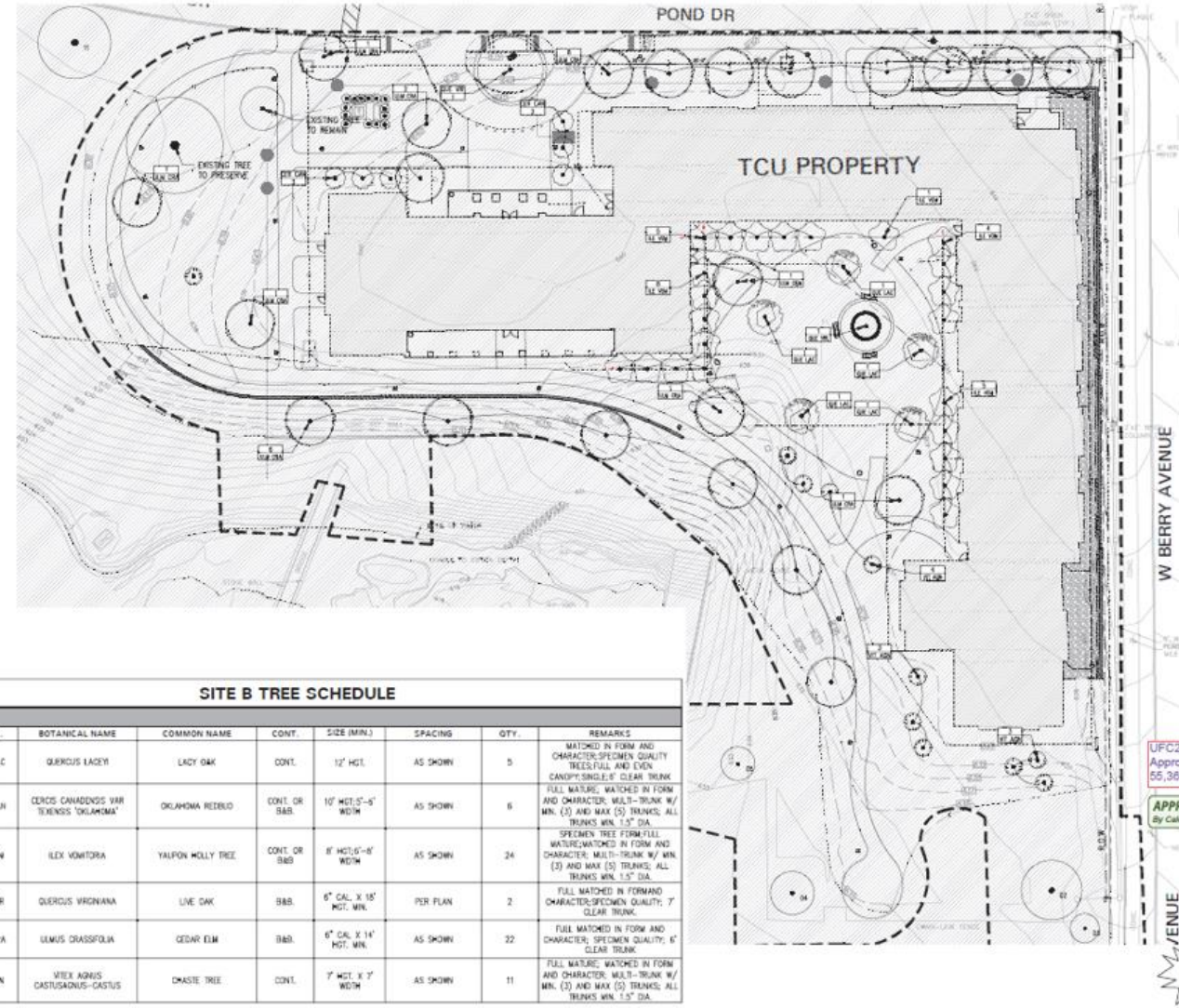
1" = 30'



Development Services

UFP2 Submission Requirements

- Provides **PROPOSED CONDITIONS**
- Location and species of protected trees to be planted and preserved
- Any easements and right of way delineations
- Calculations can be included on page or off
- Excel file for calculations are available and updated routinely on our Urban Forestry website
- Must have recorded plat to final and should amend if anything changes during construction since this will run with the land



Urban Forestry Ordinance

§6.302 – 2025 Amendments

Major Changes:

- Expanded Protected Species List
- Stricter Preservation Requirements for Certain [Post Oaks and Significant] Trees
- Increased Penalties for Violations
- Administrative Relief – Height and Setbacks
- Canopy Goal Reinforced (City's Target 30%)
- Permit and Plan Submittal Clarifications

Urban Forestry Ordinance

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2025 Updates

Protected Species List

Large Canopy		Medium Canopy		Small Canopy	
American elm	Pond cypress	Afghan pine*	Lacey Oak	American smoketree	Mexican plum
Baldcypress	Post oak	Arizona cypress*	Monterrey Oak	Carolina buckhorn	Possumhaw holly
Black walnut	Red oak	Blackjack oak	Shantung Maple	Cherry-laurel	Rough-leaf dogwood
Bur oak*		Bigtooth maple*	Shin Oak	Crapemyrtle*	Rusty blackhaw
Cedar elm*		'Caddo' maple*	Southern Magnolia	Desert willow*	Texas persimmon*
Chinquapin oak*		Chinese pistache*	Texas Red Oak	Eve's necklace*	Texas redbud
Lacebark elm		Eastern redcedar*	Trident Maple	Indian cherry	Vitex
Live oak*		Ginkgo	Western Soapberry	Japanese maple	Waxmyrtle
Pecan		Japanese Black Pine		Mexican buckeye	Yaupon holly*

* Drought tolerant species



2025 Updates

Unprotected Species List

Ash	Mesquite
Ash juniper	Mimosa
Bradford pear	Mulberry
Chinaberry	Osage Orange/ Bois d'Arc (fruiting)
Chinese Tallow	Siberian elm
Cottonwood	Silver maple
Golden raintree	Tree of Heaven
Hackberry/ Sugarberry	Willow
Ligustrum	
<i>Any species of tree, shrub, vine or grass listed in the Nonnative Invasive Plants of Southern Forests, published by the United States Department of Agriculture Forest Service.</i>	

UF Citations and Civil Penalties

When a Citation May Be Issued

- Tree removal without a permit
- Noncompliance with an approved UFC
- Unauthorized removals beyond approved scope
- Failure to install or maintain tree protection measures

Citation Process

- Site Inspection & Documentation
- Determination of Violation
- Issuance of Citation
- Criminal Fine

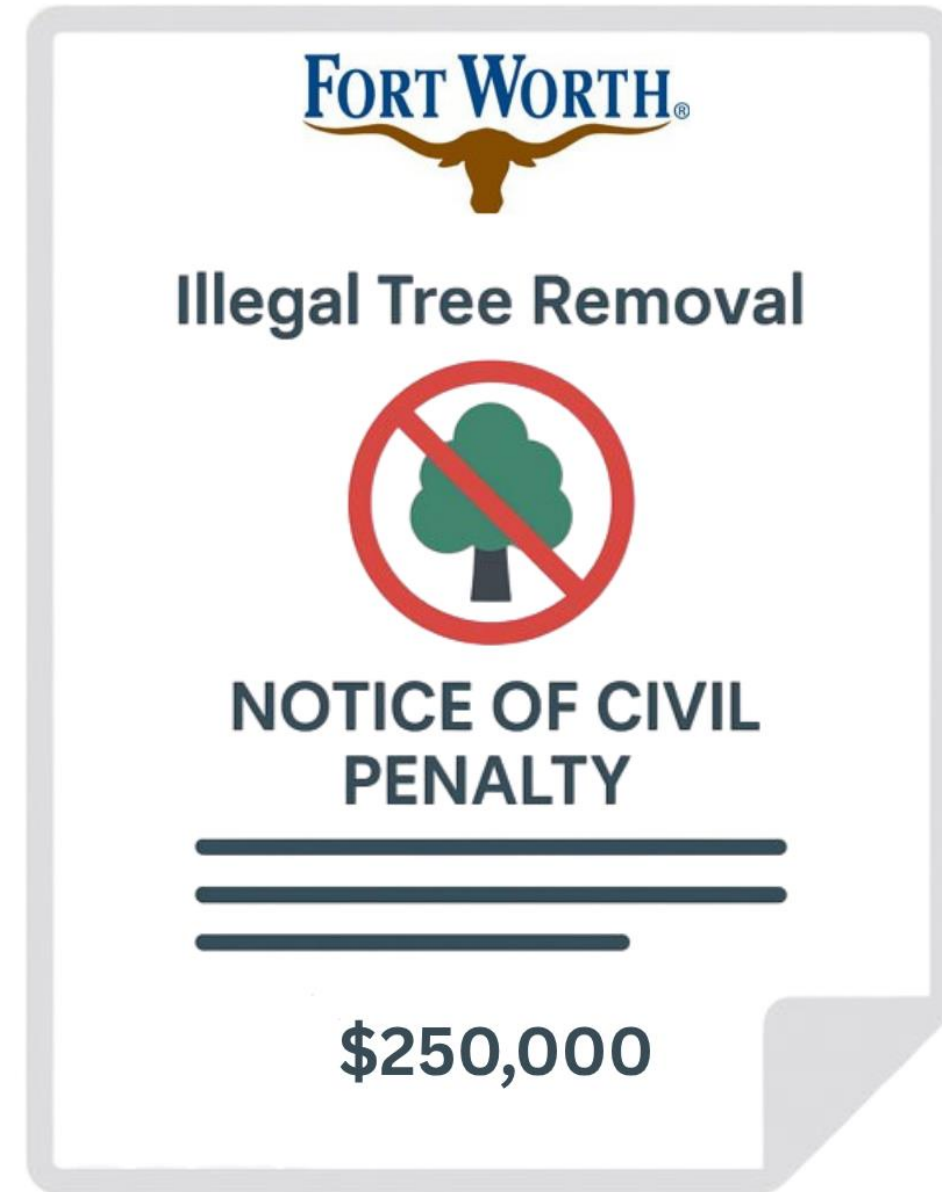
Criminal Fine
\$2,000 per tree

Civil Penalties for Protected Trees
Unauthorized Removal
\$600/inch or \$15/sq ft

Unauthorized Sig. Removal
\$1,200/inch or \$30/sq ft

Civil Penalty Process

- Civil Penalty Assessment
- Notice of Civil Penalty Letter
- Suspension of Permits
- Appeal Option



Administrative Relief to Preserve

§6.302(f)

Director may increase the **building height** up to an additional 14 feet above the height allowed for the following zoning districts. Building setbacks and bufferyards adjacent to applicable residential districts would still have to be observed.

1. CR – Low Density Multifamily
2. C – Medium Density Multifamily
3. CF – Community Facilities
4. ER – Restricted Neighborhood Commercial
5. E – Neighborhood Commercial

Director may decrease the **setbacks** by up to 50% for any zoning district.

Relief does not waive urban forestry requirements and fees.

Administrative Relief to Preserve

§6.302(f)

In granting relief, the Director shall determine:

- a) all or a part of the urban forestry regulations may deprive the applicant of economically viable use of the property;
- b) the proposed design has minimized the loss of trees and canopy to the extent possible;
- c) the relief requested will not injure the existing or permitted use of adjacent conforming property, will not make the property substantially different from properties within the same zoning category, has no adverse effects on adjacent properties, and would not result in an adverse effect on traffic circulation, drainage or utilities; and
- d) that tree preservation or mitigation unduly burdens the development of the property due to a unique physical circumstance on the property or by reducing the developable portion of the property to 25% of the property.

Urban Design Commission (UDC)

§6.302(f)

Waivers Tied to Site Design

- Waiver of preservation
- Waiver of significant tree mitigation
- Waiver of planting requirement

Appeal of the Urban Forestry Administrator

- Applicant disagrees with decision
- Appeal must be filed within 10 days
- Appeal of UDC decision to the Board of Adjustment

UFC Application Calculations

Table 1: Urban Forestry Requirement Calculator

A Existing Site Information		Calculation	Square Feet	Acres
1	*Select*	→ ¹		0.00
2	*Select*	→ ²		0.00
3	Net Urban Forestry Area (applicable to tree requirements)	$A_1 - A_2$	0	0.00

B Significant Trees ³ (Must Use Tables 2 & 3)		Calculation	Square Feet	DBH
1	All Post-oaks/Blackjack oaks ≥ 18" DBH	(complete Table 3)	0	0
2	All other protected species trees ≥ 24" DBH	(complete Table 3)	0	0
3	Total of significant trees to be removed	(complete Table 3)	0	0
4	Total of significant trees to be preserved	(complete Table 3)	0	0
5	Significant tree preservation credit	$D_2 \cdot ft^2 \cdot 0.5$	0	

C Significant Tree Removal Mitigation Options ³ (Must Use Tables 2 & 3)		Calculation	Square Feet	\$
1	Additional Post-oak/Blackjack oak preservation required	(complete Table 3)	0	
2	Additional other protected species preservation required	(complete Table 3)	0	
3	Additional planting required	(complete Table 3)	0	
4	Payment into the Tree Fund	(complete Table 3)		\$0

D Preservation of Existing Canopy		Calculation	Square Feet	Acres
1	Existing tree canopy area ⁴	*Select*	→	0.00
2	Preservation requirement ⁵ (25%)	$D_1 \times 0.25$	0	0.00
3	Additional preservation option to mitigate other protected species significant trees	$-C_2$	0	0.00
4	Total preservation requirement	$D_2 + D_3$	0	0.00
5	Area of existing canopy preserved	→		0.00
6	Existing Post oak/Blackjack oak canopy area ⁶	→		0.00
7	Post oak/Blackjack oak specific preservation requirement (50%)	$D_6 \times 0.50$	N/A	N/A
8	Additional preservation option to mitigate significant Post oak/Blackjack oak trees	$-C_1$	0	0.00
9	Total Post oak/Blackjack oak preservation requirement	$D_7 + D_8$	0	0.00
10	Area of existing Post oak/Blackjack oak canopy preserved	→		0.00
11	Total preservation balance	$D_5 - D_4$	0	0.00
12	Total preservation credit toward planting	$B_3 + D_5$	0	0.00

E Mitigation for Loss of Preserved Trees ⁷ (Reserved for City Staff Use)		Calculation	Square Feet	\$
1	Additional planting required to mitigate for tree loss	(from Table 2&3)	0	
2	Penalty for tree loss that cannot be mitigated via additional planting	(from Table 2&3)		\$0.00

F Site Canopy Requirements		Calculation	Square Feet	Acres
1	Land Use - base requirement ⁸	$A_3 \times \%$	0%	0
2	Mitigation for significant tree removal (plant/preservation)	$C_1 + C_2 + C_3$	0	0.00
3	Mitigation for dead/declining/damaged "preserved trees" ⁷ (plant)	E_1	0	0.00
4	Total required canopy coverage for site	$F_1 + F_2 + F_3$	0	0.00

G Option to Give Existing Trees More Canopy Credit ⁹ (Must Use Table 4)		Calculation	Square Feet	Acres
1	Total existing canopy of trees being considered	(complete Table 4)	0	0.00
2	Total potential canopy credit of trees being considered	(complete Table 4)	0	0.00
3	Total Spacing Deduction	(complete Table 4)	0	0.00
4	Total net gain in canopy credit (will be applied toward overall site credit)	$G_2 - G_1 - G_3$	0	0.00

H New Tree Planting		Calc.	Qty	Square Feet	Acres
1	Required tree planting	$F_4 - D_6 - G_4$		0	0.00
2	Large canopy trees: 2000 ft ² per tree at 40ft or greater spacing	2000 x		0	0.00
3	Medium canopy trees: 700 ft ² per tree at 25ft or greater spacing	700 x		0	0.00
4	Small canopy trees: 100 ft ² per tree at 8ft or greater spacing	100 x		0	0.00
5	Subtotal (deduct for spacing below)	$H_2 + H_3 + H_4$		0	0.00
6	Deductions for spacing ¹⁰	Size/Spacing (ft)	Deduct x Qty	Total ft ²	
		New Trees *Deduct per spacing and not per tree. *For mixed size spacing use the smaller tree size's deduction.			
		Lg 35	175	0	
		Lg 30	350	0	
		Lg 25	575	0	
		Lg 20	800	0	
		Lg 15	1,025	0	
		Med 20	75	0	
		Med 15	200	0	
		Med 10	350	0	
7	Total spacing deduction	Sum H ₆ totals		0	
8	Total planting (includes spacing deductions)	$H_5 - H_7$		0	0.00

I Tree Canopy for Parking Areas ¹¹		Calculation	Square Feet	Acres
1	Area of parking (single/two-family are exempt)	→		0.00
2	Required canopy within or adjacent to parking areas	$I_1 \times 0.40$	0	0.00
3	Area of canopy coverage being provided for parking	→		0.00
4	Excess/deficient parking canopy	$I_2 - I_3$	0	0.00

J Fulfillment of Overall Site Tree Canopy		Calculation	Square Feet	Acres
1	Total required canopy coverage for site	F_4	0	0.00
2	Provided canopy coverage	$D_{12} + G_4 + H_8$	0	0.00
3	Excess/deficient overall canopy	$J_2 - J_1$	0	0.00

K Payment in Lieu of Planting (Public Projects Only) ¹²		Calculation	Square Feet	Acres
1	Required large canopy trees to meet requirement	$J_2 \div 2,000$	N/A	N/A
2	Pay into the Tree Fund	$K_2 \times \$600$	N/A	



UFP1 – Existing Site Conditions

A Existing Site Information		Calculation	Square Feet	Acres
1	Gross area of open space (Multi-Family/MU-1/MU-2)	→ ¹	88,672	2.04
2	*Select*	→ ²		0.00
3	Gross area of lot(s) or tract(s)			
3	Gross area of artificial lot	$A_1 - A_2$	88,672	2.04
	Gross area of open space (Multi-Family/MU-1/MU-2)			
2	Area of public utilities within open space (Multi-Family/MU-1/MU-2)	→ ²		0.00
3	*Select*	$A_1 - A_2$	88,672	2.04
	Area of public utility easements			
	Area of public utilities within open space (Multi-Family/MU-1/MU-2)			
	Area of public utility easements & ROW dedication			
B Significant Trees ³ (Must Use Tables 2 & 3)		Calculation	Square Feet	DBH
1	All Post oaks/Blackjack oaks ≥ 18" DBH	(complete Table 3)	0	0
2	All other protected species trees ≥ 24" DBH	(complete Table 3)	1,748	65
3	Total of significant trees to be removed	(complete Table 3)	0	0
4	Total of significant trees to be preserved	(complete Table 3)	1,748	65
5	Significant tree preservation credit	$D_4 \text{ ft}^2 \times 0.5$	874	
C Significant Tree Removal Mitigation Options ³ (Must Use Tables 2 & 3)			Square Feet	\$
1	Additional Post oak/Blackjack oak preservation required	(complete Table 3)	0	
2	Additional other protected species preservation required	(complete Table 3)	0	
3	Additional planting required	(complete Table 3)	0	
4	Payment into the Tree Fund	(complete Table 3)		\$0

- Gross area or Provided Open Space
- Deductible Area (verified with plat)
- Significant Tree Information automatically pulls from Table 2 & 3

Existing Conditions - Table 2

Table 2: Existing Tree Calculations (from data in Table 3)

The calculations in Tables 2 & 3 apply to protected species trees only (see the Protected Species List tab in this workbook or Table B of § 6.302)
 Ensure that "Post oak" and "Blackjack oak" species trees are properly spelled in the "Common Name or Species" column

*All values are in square feet unless otherwise noted				
Complete Table 3 below to populate	Totals	CODES FOR TABLE 3		
		<u>Columns</u>	<u>Code to Enter</u>	<u>Applicable Action or Status</u>
Total Protected Species Canopy	2,812			
Preserved Protected Species Canopy	2,611			
Percentage of Protected Species Canopy Preserved	92.9%			
Total Post Oak/Blackjack Oak Canopy	0	Preservation Status	PRES	Existing trees that are proposed to be preserved
Preserved Post Oak/Blackjack Oak Canopy	0		REM	Existing trees that are proposed to be removed
Total Significant Tree Canopy	1,748		ILR	Existing trees that have been illegally removed or damaged
Significant Tree Canopy Preserved	1,748		TreeLoss	Existing trees that were damaged due to construction
Significant Tree Canopy Removed	0	Significant	SIG	Protected species DBH ≥ 24" (post oak/blackjack oak DBH ≥ 18")
Significant Tree Preservation Credit	874	Exclusions	UNPROT	Trees that are not a protected species (See Table B of § 6.302)
Total Significant Tree DBH (inches)	65		UE	Trees in an existing or proposed utility easement
Preserved Significant Tree DBH (inches)	65		ROW	Trees in an existing or proposed dedicated right-of-way
Removed Significant Tree DBH (inches)	0		DDH	Trees that are dead/declining/damaged/diseased/hazardous
Mitigate Significant Post/Blackjack Oak Trees By Preservation	0		UNDER6	Trees less than 6 inches dbh
Mitigate Other Significant Trees By Preservation	0		OFFSITE	Trees that are off-site or not included in this permit
Mitigate Significant Trees By Planting	0	Significant & TreeLoss	preserveX	Mitigate by preservation (cannot be used for TreeLoss trees)
Mitigate Significant Trees By Paying (DBH)	\$0		plantX	Mitigate by planting (also used for TreeLoss trees)
Mitigate Significant Trees By Paying (ft ²)	\$0		payX (DBH)	Mitigate by payment (\$300/DBH; cannot be used for TreeLoss trees)
Mitigate TreeLoss By Planting	0	Mitigation	payX (SF)	Mitigate by payment (\$7.50/ft ² ; cannot be used for TreeLoss trees)
Penalty Fees	\$0		Penalty	xDBH
		(For City Use Only)	Xcanopy	Penalty calculated at \$15.00/ft ² (\$30.00/ft ² for SIG)



Existing Conditions - Table 3

Where applicant enters tree information

Table 3: Tree Survey Data (refer to Table 2 codes)

Tree #	Common name or species	DBH (in)	Canopy Area (ft ²)	Preservation Status	Significant	Exclusions	Significant & Tree Mitigati	Penalty	Comments (optional: e.g. vitality, multi-trunk measurements)
1	Oak	16	201	REM					
2	Oak	25	491	PRES	SIG				
3	Crepe Myrtle	16	201	PRES					
4	Oak	18	254	PRES					
5	Oak	14	154	PRES					
6	Hackberry	20	314	PRES		UNPROT			
7	Pine	18	254	PRES		UNPROT			
8	Pine	17	227	PRES		UNPROT			
9	Oak	40	1,257	PRES	SIG				
10	Oak	18	254	PRES					
11	Oak	30	707	PRES	SIG	OFF SITE			
12	Oak	28	616	PRES	SIG	OFF SITE			
13	Oak	24	349	PRES		OFF SITE			
14	Crepe Myrtle	6	28	PRES		OFF SITE			
15	Crepe Myrtle	6	28	PRES		OFF SITE			
16	Crepe Myrtle	6	28	PRES		OFF SITE			
17	Crepe Myrtle	6	28	PRES		OFF SITE			
18	Crepe Myrtle	6	28	PRES		OFF SITE			
19	Crepe Myrtle	6	28	PRES		OFF SITE			

UFP1 – Existing Site Conditions

Select

Select

Protected species canopy

No protected species

No existing trees

Exempt from preservation

D Preservation of Existing Canopy		Calculation	Square Feet	Acres		
1	Existing tree canopy area ⁴	Protected species canopy →	2,812	0.06	2,812	from table 2
2	Preservation requirement ⁵ (25%)	$D_1 \times 0.25$	703	0.02		
3	Additional preservation option to mitigate other protected species significant tree	C_2	0	0.00		
4	Total preservation requirement	$D_2 + D_3$	703	0.02		
5	Area of existing canopy preserved	92.9% →	2,611	0.06	2,611	from table 2
6	Existing Post oak/Blackjack oak canopy area ⁶	→	0	0.00	0	from table 2
7	Post oak/Blackjack oak specific preservation requirement (50%)	$D_6 \times 0.50$	N/A	N/A		
8	Additional preservation option to mitigate significant Post oak/Blackjack oak tree	C_1	0	0.00		
9	Total Post oak/Blackjack oak preservation requirement	$D_7 + D_8$	0	0.00		
10	Area of existing Post oak/Blackjack oak canopy preserved	→	0	0.00	0	from table 2
11	Total preservation balance	$D_5 - D_4$	1,908	0.04		
12	Total preservation credit toward planting	$B_5 + D_5$	3,485	0.08		

- All of these are populated in Table 2 from information on Table 3
- Existing canopy
- Area being preserved
- Existing post/blackjack oak
- Oaks being preserved

UFP2 – Proposed Site Conditions

F Site Canopy Requirements		Calculation	Square Feet	Acres
1	Land Use - base requirement ⁸	Mixed-Use (MU-1&2) x % 50%	44,336	1.02
2	Mitigation for significant tree removal	*Select* Commercial/Institutional	$C_1 + C_2 + C_3$	0
3	Mitigation for dead/declining/damaged trees	Industrial	E_1	0
4	Total required canopy coverage for site	Mixed-Use (MU-1&2)	$F_1 + F_2 + F_3$	44,336
		Multi-Family		
		Parking Only		
		Phase One Only		
		Public Project		
		Single/Two-Family (1-lot)		
		Single/Two-Family (subdivision)		
		Urban Residential		

Land use determines base requirement

G Option to Give Existing Trees More Canopy Credit ⁹ (Must Use Table 4)		Calculation	Square Feet	Acres
1	Total existing canopy of trees being considered	(complete Table 4)	0	0.00
2	Total potential canopy credit of trees being considered	(complete Table 4)	0	0.00
3	Total Spacing Deduction	(complete Table 4)	0	0.00
4	Total net gain in canopy credit (will be applied toward overall site credit)	$G_2 - G_1 - G_3$	0	0.00

Can complete Table 4 for trees from old UFCs or that haven't reached mature canopy size

UFP2 – Proposed Site Conditions

H	New Tree Planting	Calc.	Qty	Square Feet	Acres	
1	Required tree planting	$F_4 - D_{10} - G_4$		40,851	0.94	
2	Large canopy trees: 2000 ft ² per tree at 40ft or greater spacing	2000 x	24	48,000	1.10	
3	Medium canopy trees: 700 ft ² per tree at 25ft or greater spacing	700 x	5	3,500	0.08	
4	Small canopy trees: 100 ft ² per tree at 8ft or greater spacing	100 x	41	4,100	0.09	
5	Subtotal (deduct for spacing below)	$H_2 + H_3 + H_4$		55,600	1.28	
6	Deductions for spacing ¹⁰	Size/Spacing (ft)	Deduct x	Qty	Total ft ²	
		Lg	35	175	1	175
	New Trees	Lg	30	350	0	0
	*Deduct per spacing and not per tree.	Lg	25	575	7	4,025
	*For mixed size spacing use the smaller tree size's deduction.	Lg	20	800	0	0
		Lg	15	1,025	0	0
		Med	20	75	1	75
		Med	15	200	0	0
		Med	10	350	0	0
7	Total spacing deduction	Sum H ₆ totals				4,275
8	Total planting (includes spacing deductions)	$H_5 - H_7$		51,325		1.18

- From the protected species list

- Spacing deductions apply when too close together

UFP2 – Proposed Site Conditions

I	Tree Canopy for Parking Areas ¹¹	Calculation	Square Feet	Acres
1	Area of parking (single/two-family are exempt)	→		0.00
2	Required canopy within or adjacent to parking areas	$I_1 \times 0.40$	0	0.00
3	Area of canopy coverage being provided for parking	→		0.00
4	Excess/deficient parking canopy	$I_2 - I_3$	0	0.00

Square feet of parking
Tree canopy adjacent to
parking

- 4' minimum
- 15' max for large
- 10' max for medium
- 7' max for small

J	Fulfillment of Overall Site Tree Canopy	Calculation	Square Feet	Acres
1	Total required canopy coverage for site	50.0% F_4	44,336	1.02
2	Provided canopy coverage	61.8% $D_{12} + G_4 + H_8$	54,810	1.26
3	Excess/deficient overall canopy	11.8% $J_2 - J_1$	10,474	0.24

Last section will show
compliance



Urban Forestry Permits run with the land so you must revise or amend and make sure they are accurate

We map them and they are available on the
Zoning & Annexation Map

Zoning and Annexation Map



Zoning & Annexation Map

www.fortworthtexas.gov/departments/development-services/zoning


Zoning Map

- About Us
- Benefits
- Our Trees
- UFC Map**

Click the button below to see the Zoning and Annexation Map, and select the "Urban Forestry Layers - Group" for an interactive map of Urban Forestry Permits.

Zoning and Annexation Map

Urban Forestry Layers - Group

- Alliance Tree Program
-  CFW Heritage Trees
- UFC Permit Boundary

City of Fort Worth | Zoning & Annexation Map

Tools: Analysis

Navigation: Pan, Zoom In, Zoom Out, Initial View, Full Extent, Previous Extent, Next Extent, Refresh, Bookmarks, Export, Print, Share

Map: Zoning Districts Summary, Point, Zoning Ordinance, Clear Results, Contact Us

Layers: Filter Layers... (Filter)

- Rivers
- Scenic Areas
- Scenic Corridors
- Streets
- Street Centerlines
- Street Labels
- Subdivisions
- PIDs
- Planned Service Areas
- Rivers and Streams
- TIFs
- Transportation Impact Fee (Trif)
- Urban Villages
- Utility Districts
- Voter Precincts
- Urban Forestry Layers - Group
 - Alliance Tree Program
 - CFW Heritage Trees
 - UFC Permit Boundary
- Zoning Layers
 - Zoning Outline
 - Zoning Cases
 - Zoning Cases Current

Basemaps | WKID: 4326 Lat/Long | Lat: 32.85771° N, Lon: 96.91291° W | 0 2 4mi | 1500



Development Services

Have someone who knows tree species look at the land BEFORE designing.

Check to see if an existing UFC already exists

Welcome

to the City of Fort Worth

[Home](#) / [Departments](#) / [Development Services](#) / [Urban Forestry Management](#)

Urban Forestry Management

The Urban Forestry Management Section implements and enforces the **Urban Forestry Ordinance** (PDF, 2MB).

This ordinance protects healthy and significant trees and ensures the planting of trees with land development to achieve the city's goal of 30 percent overall canopy cover.



Contact Us

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Email

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Location

City Hall
100 Fort Worth Trail
Fort Worth
76102
[View Map](#)

Urban Forestry Education

Click on the image below to see the full flyer



(PDF, 393KB)

[\(SPANISH\)](#) (PDF, 399KB)



(PDF, 497KB)

[\(SPANISH\)](#) (PDF, 494KB)



(PDF, 787KB)

[\(SPANISH\)](#) (PDF, 766KB)



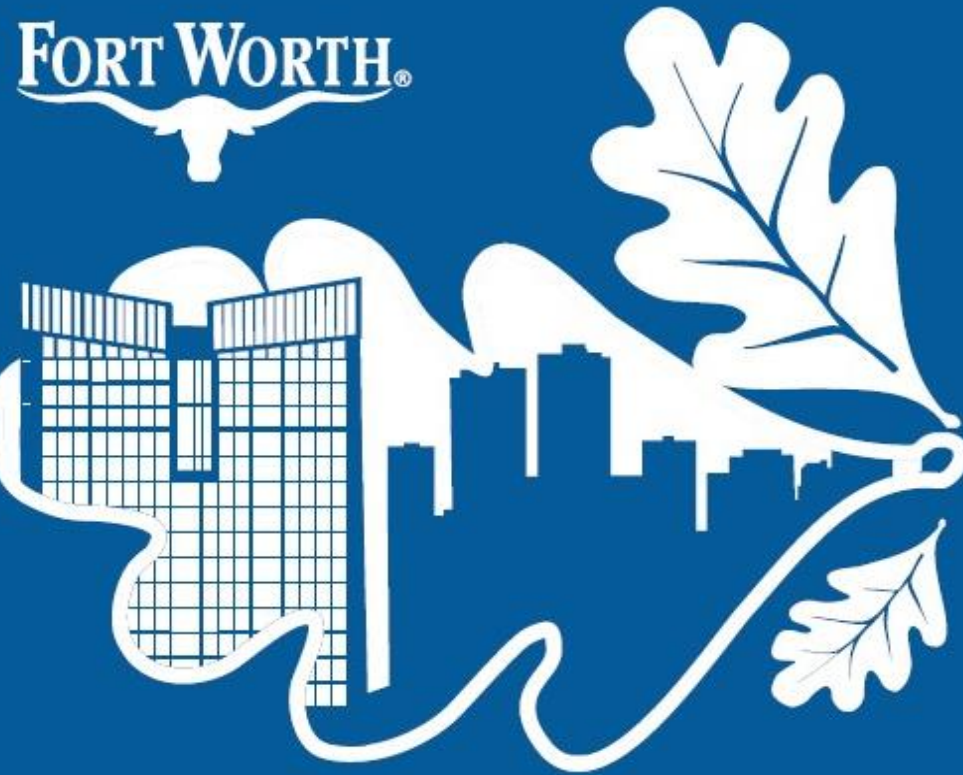
Urban Forestry Resources

[Urban Forestry Ordinance](#) (PDF, 2MB)

[Tree Removal Permit Application](#) (PDF)

[Urban Forestry Permit Application](#) (PDF)
(PDF, 677KB)





FORT WORTH LOVES TREES



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WEBSITE

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Development Services