



AGENDA

TOWN OF FLOWER MOUND ENVIRONMENTAL CONSERVATION COMMISSION

REGULAR MEETING

November 6, 2018

**FLOWER MOUND TOWN HALL
2121 CROSS TIMBERS ROAD
FLOWER MOUND, TEXAS**

6:30 P.M.

AN AGENDA INFORMATION PACKET IS AVAILABLE ONLINE AT
[HTTPS://TX-FLOWER MOUND.CIVICPLUS.COM/AGENDACENTER](https://tx-flowermound.civicplus.com/agendacenter)

A. CALL REGULAR MEETING TO ORDER – 6:30 PM

B. INVOCATION AND PLEDGE OF ALLEGIANCE

C. CITIZENS/VISITORS COMMENTS

Please fill out an “Appearance Before Environmental Conservation Commission” form in order to address the Environmental Conservation Commission, and turn the form in prior to Citizens and Visitors Comments, or by 6:40 p.m. to the Town staff. Speakers are normally limited to three minutes. Time limits can be adjusted by the Chair as to accommodate more or fewer speakers.

D. SUBCOMMITTEE REPORT

Receive updates and status reports related to subcommittee’s tasks, activities, and projects.

E. STAFF REPORT

Update and status report related to environmental issues and events, regulatory activities, and projects.

F. PRESENTATION

Present certificates to the 2018 Tree Recognition winners.

G. CONSENT AGENDA - CONSENT ITEMS

This agenda consists of non-controversial or "housekeeping" items and may be approved with a single motion. A member of the Environmental Conservation Commission may request an item(s) be withdrawn from the consent agenda and moved to regular agenda for discussion by making such request prior to a motion and vote on the Consent Agenda.

1. Consider approval of minutes from the regular meeting of the Environmental Conservation Commission held on October 2, 2018.

H. REGULAR ITEMS

2. Consider an application for a tree removal permit for one (1) specimen tree on property proposed for development as Lakeside Center. The property is generally located south of Lakeside Parkway along and between Long Prairie Road and Northwood Drive.
3. Establish Environmental Conservation Commission goals and objectives for 2018/2019.
4. Establish additional Environmental Conservation Commission subcommittees and discuss the Denton County Green Belt Plan committee.

I. COORDINATION OF FUTURE AGENDAS/MEETINGS

J. ADJOURNMENT- REGULAR SESSION



Matthew Woods
Director of Environmental Services

I do hereby certify that the Notice of Meeting was posted on the bulletin board in Town Hall of the Town of Flower Mound, Texas, a place convenient and readily accessible to the general public at all times and said Notice was posted on the following date and time: November 2, 2018, by 5:00 p.m., at least 72 hours prior to the schedule time of said meeting.



Emily Chapman
Administrative Assistant



ENVIRONMENTAL CONSERVATION COMMISSION AGENDA ITEM NO. 1

CONSENT ITEM

DATE: November 6, 2018

FROM: Emily Chapman, Administrative Assistant

ITEM: Consider approval of minutes from the regular meeting of the Environmental Conservation Commission held on October 2, 2018.

BACKGROUND INFORMATION: This agenda item is to consider approval of the minutes from the October 2, 2018, regular meeting of the Environmental Conservation Commission.

CITIZEN FEEDBACK: N/A

ALTERNATIVES/OPTIONS: N/A

FISCAL IMPACT: N/A

LEGAL REVIEW: N/A

ATTACHMENTS:

1. A copy of the draft minutes from the October 2, 2018, regular meeting of the Environmental Conservation Commission.

RECOMMENDATION: Move to approve the minutes from the October 2, 2018, regular meeting of the Environmental Conservation Commission.

FLOWER MOUND ENVIRONMENTAL CONSERVATION COMMISSION MEETING OF OCTOBER 2, 2018

THE FLOWER MOUND ENVIRONMENTAL CONSERVATION COMMISSION MEETING HELD ON THE 2ND DAY OF OCTOBER 2018, IN THE FLOWER MOUND TOWN HALL, LOCATED AT 2121 CROSS TIMBERS ROAD IN THE TOWN OF FLOWER MOUND, COUNTY OF DENTON, TEXAS, AT 6:30 PM.

The Environmental Conservation Commission met in regular session, with the following members present constituting a quorum:

Thomas Bailey	Chair
James Seastrom	Vice Chair
Russell McNamer	Commission Member, Place 3
Alton Bowman	Commission Member, Place 5
James Gerber	Commission Member, Place 7
Elaine Takacs	Commission Member, Place 8
Shery Layne	Commission Member, Place 9
Kathryn Wells	Commission Member, Place 10

Places 8, 9, and 10 of the Commission do not vote on items unless they sit in place of one of the regular members, Places 1-7.)

Constituting a quorum with the following members absent:

James Naylor	Commission Member, Place 1
Marilyn Lawson	Commission Member, Place 4

And the following members of Town staff present:

Matthew Woods	Director of Environmental Services
Emily Chapman	Administrative Assistant
James Hoefert	Environmental Review Analyst

A. CALL TO ORDER - REGULAR SESSION: 6:30 PM

B. ELECTION OF CHAIR AND VICE CHAIR

Thomas Bailey was elected Chair and James Seastrom was elected Vice Chair. The vote for both positions was unanimous.

C. INVOCATION AND PLEDGE OF ALLEGIANCE

D. PUBLIC COMMENT

None.

E. STAFF REPORT

1. Update and status report related to environmental issues and events, regulatory activities, and projects.

F. CONSENT AGENDA

FLOWER MOUND ENVIRONMENTAL CONSERVATION COMMISSION MEETING OF OCTOBER 2, 2018

1. Consider approval of minutes from the regular meeting of the Environmental Conservation Commission held on August 7, 2018.

Commission Deliberation

Commission Member Takacs made a motion to approve the August 7, 2018, minutes as presented. Commission Member Lamminen seconded the motion.

VOTE ON THE MOTION

AYES: Gerber, Bowman, Takacs, McNamer, Seastrom, Layne
NAYS: None
ABSTAIN: None

The motion passed with a vote of 6-0-0

G. REGULAR ITEMS

2. Consider approval of the revised Open Space Brochure.

Staff Presenter

Chair Bailey gave a presentation with a copy of the draft brochure.

Commission Deliberation

Vice Chair Seastrom made a motion to approve the revised Open Space Brochure. Commission Member McNamer seconded the motion.

VOTE ON THE MOTION

AYES: Gerber, Bowman, Takacs, McNamer, Seastrom, Layne
NAYS: None
ABSTAIN: None

The motion passed with a vote of 6-0-0

3. Review the trees nominated for the Town's Tree Recognition Program and select the tree(s) for recognition for 2018.

Staff Presenter

James Hoefert, Environmental Review Analyst, gave a presentation with the following trees that were nominated for the 2018 Tree Recognition Program:

- Program Overview
- Tree # 1: 32" diameter Post Oak
- Tree # 2: 28" diameter Live Oak
- Tree # 3: 31" diameter Post Oak
- Tree # 4: 40" diameter Slash Pine

FLOWER MOUND ENVIRONMENTAL CONSERVATION COMMISSION MEETING OF OCTOBER 2, 2018

- Tree # 5: 30" diameter Red Oak
- Tree # 6: 23" diameter Pecan
- Tree # 7: 34" diameter Post Oak
- Tree # 8: 31" diameter Blackjack Oak
- Tree # 9: 40" diameter Post Oak
- Tree # 10: 30" diameter Eastern Cottonwood
- Tree # 11: 18" diameter Eastern Red Cedar
- Tree # 12: 27" diameter American Elm
- Tree # 13: 13" diameter Chinese Pistache
- Tree # 14: 22" diameter Deadora Cedar
- Tree # 15: 25' height Dogwood
- Tree # 16: 18" diameter American Sweetgum
- Tree # 17: 20" diameter Water Oak
- Tree # 18: 30" diameter Shumard Red Oak

Commission Deliberation

Commission Member McNamer made a motion to recognize Tree #2 as a Historic Tree-Live Oak; Tree #4 as the Largest Slash Pine; Tree # 5 as the Best Red Oak on a Commercial Property; Tree #7 as the Best Post Oak on a Residential Property; Tree #8 as the Largest Blackjack; Tree #9 as the Tree of the Year; Tree # 18 as a Historic Tree- Shumard Red Oak; and Tree # 10 – 17 as Family Arboretum. Commission Member Takacs seconded the motion.

VOTE ON THE MOTION

AYES: Gerber, Bowman, Takacs, McNamer, Seastrom, Layne
NAYS: None
ABSTAIN: None

The motion passed with a vote of 6-0-0

H. COORDINATION OF FUTURE AGENDAS/MEETINGS

I. ADJOURNMENT- WORK SESSION – 8:26 PM

TOWN OF FLOWER MOUND, TEXAS

THOMAS BAILEY, CHAIR

ATTEST:

EMILY CHAPMAN, ADMINISTRATIVE ASSISTANT



ENVIRONMENTAL CONSERVATION COMMISSION AGENDA ITEM NO. 2

REGULAR ITEM

DATE: November 6, 2018
FROM: James Hoefert, Environmental Review Analyst
PRESENTER Jameson Pinson, with G&A | McAdams
ITEM: **Consider an application for a tree removal permit for one (1) specimen tree on property proposed for development as Lakeside Center. The property is generally located south of Lakeside Parkway along and between Long Prairie Road and Northwood Drive.**

BACKGROUND INFORMATION:

The Lakeside Center development is generally located south of Lakeside Parkway along and between Long Prairie Road and Northwood Drive. The site is approximately 9.398 acres in size. The site is currently zoned for Agricultural uses as a portion of Planned Development District No. 31 (PD-31) and master planned for the Lakeside Business District. The applicant is requesting to rezone the property to Planned Development District No. 169 (PD-169) for both residential and non-residential uses. According to the tree survey for the project, the site contains twelve (12) specimen trees. The applicant is requesting to remove one (1) specimen tree from the site in order to build a driveway access to the commercial component of the development. The specimen tree proposed for removal (Tree #804 – 27" post oak) is in good condition and located within the proposed buildable area.

The Town's tree ordinance requires that specimen trees removed from the site be replaced at a rate of two times their caliper inches. Based on the tree's size, 54" of replacement trees, equaling 18 three-inch caliper trees, will be required for the removal of the one (1) specimen tree on this site. In addition, protected trees removed from the buildable area will also require replacement at a tree-for-tree rate. Protected tree mitigation / replacement will be determined with the record plat application – once final engineering has been completed for the project. The developer is proposing to preserve a significant number existing protected and specimen trees on the site, so there will be credits available for the preservation of those trees.

CITIZEN FEEDBACK: As of November 2, 2018, staff has not received feedback related to this item.

ALTERNATIVES/OPTIONS: N/A

FISCAL IMPACT: N/A

LEGAL REVIEW: N/A

ATTACHMENTS:

1. Letter from the applicant indicating the reason(s) for the tree removal permit request.
2. Specimen tree removal permit application.
3. Photograph of the specimen tree proposed for removal.
4. Photographs of approved signage onsite.
5. Tree Survey.

RECOMMENDATION: Move to recommend approval or denial of the requested permit for the removal of one (1) specimen tree on property proposed for development as Lakeside Center. The property is generally located south of Lakeside Parkway along and between Long Prairie Road and Northwood Drive.



March 20, 2018

Jimmy Hoefert, Environmental Review Analyst
Town of Flower Mound
1001 Cross Timbers Road, Suite 2330
Flower Mound, TX 75028

Reference: Tree Removal Permit Application
Lakeside Office Center
Town of Flower Mound
Denton, Texas

Dear Mr. Hoefert;

On behalf of the owner/developer on the aforementioned property, we are requesting that (1) specimen tree (as outlined on the attached tree removal exhibit), as defined in the TOFM Tree Preservation Code, be removed. The tree is being requested to be removed due to the infrastructure and onsite grading which thereby means the subject development cannot reasonably be developed, based on economic and/or practical considerations, without removal of the tree included in the permit application.

TREE TABULATION FROM THE SPECIMEN TREE SURVEY

Total specimen trees on site to be saved: 11

TREE TAG #	CALIPER (")	COMMON NAME
802	23	Post Oak
803	24.5	Post Oak
1915	27	Post Oak
1918	22	Post Oak
1919	23	Post Oak
1920	25	Post Oak
1923	28	Post Oak
1926	19.5	Cedar Elm
1928	26	Post Oak
1930	23	Post Oak
1931	23	Post Oak

Total specimen trees off site to be removed due to infrastructure and grading: 1

111 Hillside Drive • Lewisville, TX 75057 • P: 972.436.9712 • F: 972.436.9715
201 Country View Drive • Roanoke, TX 76262 • P: 940.240.1012

TREE TAG #	CALIPER (")	COMMON NAME
804	27	Post Oak

The mitigation requirement for tree #804 will include and a standard mitigation rate of 2x the caliper inches of the tree removed. (18) 3" cal. Trees or equivalent preservation credits under section 94-40 of the town ordinance will be required to fulfill the mitigation requirement.

Due to preexisting conditions, infrastructure, grading, Town of Flower Mound Engineering Standards, and site conditions, this specimen tree is not able to be saved. The site plan before you appears to be the most beneficial for taking into account all the site constraints and opportunities.

We are requesting the following specimen tree to be removed:

Tree #804, 27" Post Oak

Thank you for your consideration.

Based on the above data, I respectfully ask that the aforementioned trees be allowed to be removed from the site.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Ja Pinson', with a stylized flourish at the end.

Jameson Pinson, PLA
Landscape Architect, TX #2826

Town of Flower Mound
Application for:
TREE REMOVAL PERMIT

(Effective for Developments submitted 10/6/08 - present)

Check one: ☐ Protected Tree ☒ Specimen Tree ☐ Historic Tree

1. Applicant- Note: Must be a licensed Landscape Architect or Registered Arborist

Name:

Jameson Pinson, P.L.A.
G&A | McAdams

Address:

111 Hillside Drive
Lewisville, TX 75057

Phone:

(940) 240-1012

Applicant's Legal Interest in the Property:

Landscape Architect

2. Property Owner(s)

Name(s): Joe G. Roach III

Address: 4922 Lusk Lane
Flower Mound, TX 75024

3. Location and Legal Description of Property:

350 Long Prairie Road
Flower Mound, TX 75022
Denton County

4. Owner's Authorization of Representation

I, Joe G. Roach III, the owner of the above described real property, do hereby authorize Jameson Pinson, P.L.A. to represent my interests and to file an Application for Tree Removal Permit for said real property, pursuant to the terms and provisions of Chapter 94 (Trees), of the Land Development Regulations of the Town of Flower Mound, Texas Code of Ordinances.

[Signature]
Signature of Owner



Given Under My Hand and Seal of Office
This the 7 Day of October, 2018
[Signature]
Notary Public
In and For Dallas County, Texas.

5. Applicants Affidavit- Note: Applicant must be a licensed Landscape Architect or Registered Arborist.

Subject to criminal penalties contained in Subpart B, the Land Development Regulations of the Town of Flower Mound, Texas Code of Ordinances, I Jameson Pinson, P.L.A., do hereby swear or affirm that all of the Information contained herein and submitted herein is, to the best of my knowledge, true, correct and complete and that no false, misleading or incomplete information has been intentionally provided or submitted with this Application for a Tree Removal Permit.

[Signature]
Signature of Applicant

Landscape Architect License No. 2826
State of Licensure Texas
Or ISA Certified Arborist No. _____



Given Under My Hand and Seal of Office
This the 16 Day of October, 2018
[Signature]
Notary Public
In and For Denton County, Texas

6. Received by Town of Flower Mound on (Date) 10/19/2018 by (initials) JRH.

Lakeside Center - Specimen tree proposed for removal



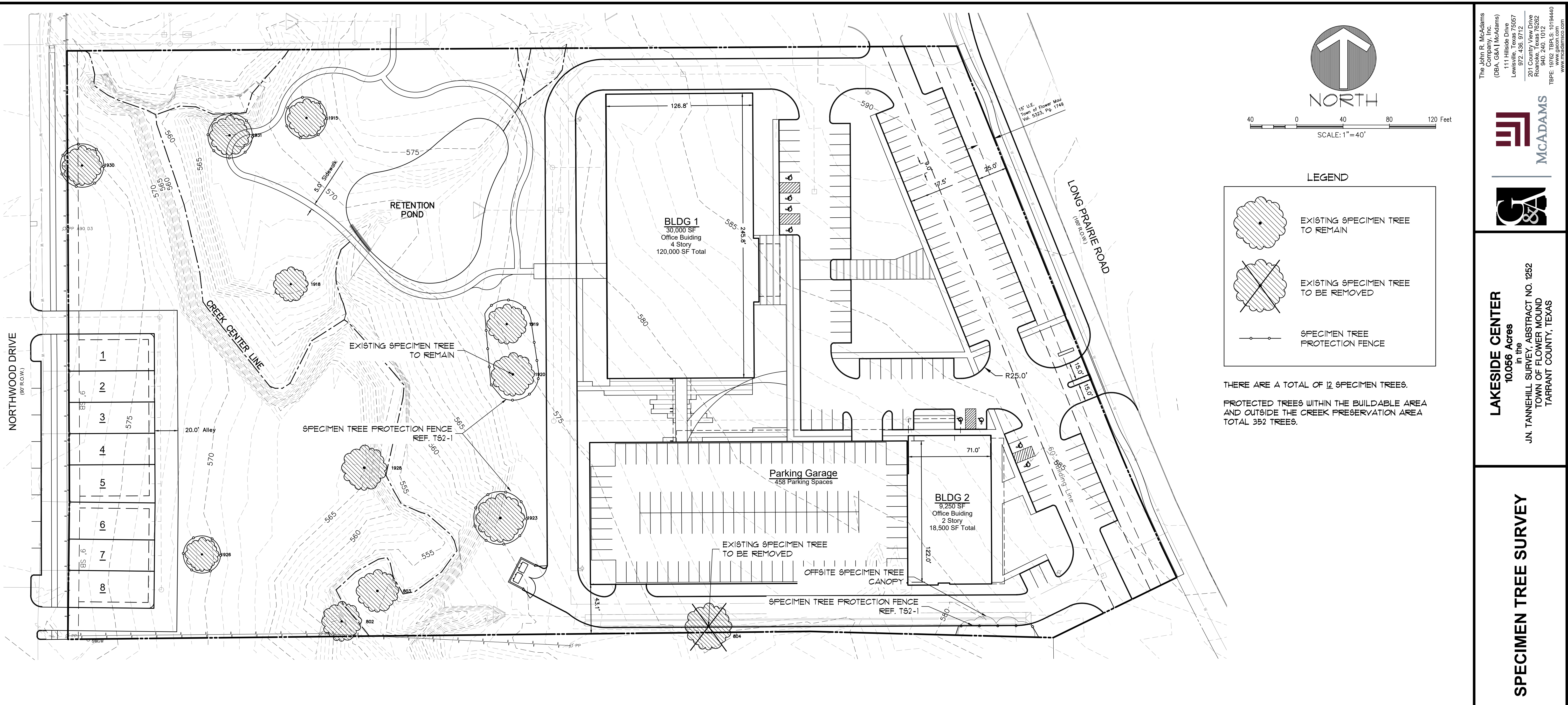
Tree Removal Request Signage

The first along Long Prairie Rd.



The second along Northwood Dr.





SPECIMEN TREE CHART

LIST #	TREE #	CAL. INCH	COMMON NAME	BOTANICAL NAME	PROTECTED	SPECIMEN	REMOVED	CANOPY DIA.	REMARKS
1	802	23	POST OAK	Quercus stellata	Yes	Yes	No	34'	
2	803	24.5	POST OAK	Quercus stellata	Yes	Yes	No	36'	
3	804	27	POST OAK	Quercus stellata	Yes	Yes	Yes	40'	
4	1915	22	POST OAK	Quercus stellata	Yes	Yes	No	33'	
5	1918	22	POST OAK	Quercus stellata	Yes	Yes	No	30'	
6	1919	23	POST OAK	Quercus stellata	Yes	Yes	No	34'	
8	1920	25	POST OAK	Quercus stellata	Yes	Yes	No	37'	
8	1923	28	POST OAK	Quercus stellata	Yes	Yes	No	42'	
9	1926	19.5	CEDAR ELM	Ulmus crassifolia	Yes	Yes	No	29'	Slight Storm Damage
10	1928	26	POST OAK	Quercus stellata	Yes	Yes	No	39'	
11	1930	23	POST OAK	Quercus stellata	Yes	Yes	No	35'	
12	1931	23	POST OAK	Quercus stellata	Yes	Yes	No	35	

PRELIMINARY PLANS
THIS DOCUMENT IS FOR INTERIM REVIEW
AND IS NOT INTENDED FOR CONSTRUCTION.
NO PROPOSED LANDSCAPE # 286
JAMESON PINSON LANDSCAPE ARCHITECTS
STATE OF TEXAS
DATED 10/17/2018

The John R. McAdams Company, Inc.
(DBA: G&A | McAdams)
111 Hillside Drive
Lewisville, Texas 75057
972.436.9712
201 Country View Drive
Reno, Texas 76062
TBP#: 0762 TBA S: 1019440
www.mcadams.com

McADAMS

G&A

LAKESIDE CENTER
10.056 Acres
in the
J.N. TANNEHILL SURVEY, ABSTRACT NO. 1252
TOWN OF FLOWER MOUND
TARRANT COUNTY, TEXAS

SPECIMEN TREE SURVEY

Drawn By: MH
Date: 07/30/2018
Scale: 1" = 40'
Revisions:
09/12/2018

18164

TS1

OWNER/DEVELOPER
FM 2499 VENTURE, LLC
809 LAKE CAROLYN PARKWAY, SUITE 150
IRVING, TEXAS 75039
Ph: 469-533-4131
Contact: MR. JIMMY ARCHIE



ENVIRONMENTAL CONSERVATION COMMISSION AGENDA ITEM NO. 3

REGULAR ITEM

DATE: November 6, 2018

FROM: Matthew Woods, Director of Environmental Services

ITEM: Establish Environmental Conservation Commission goals and objectives for 2018/2019.

BACKGROUND INFORMATION: This item provides the ECC the opportunity to discuss and adopt annual goals and objectives. The ECC recently discussed and reprioritized the sustainability initiatives, and these initiatives have previously been incorporated into the Commission's annual goals. The sustainability initiatives are included below. In addition and/or related to these ongoing sustainability initiatives, the ECC may establish and prioritize projects and objectives to accomplish in 2019.

- 1. Evaluate options to enhance Town-wide recycling and waste management practices; including LISD and multifamily options** – The ECC members have recognized that the Town's recycling efforts recently have been effective for single-family residential recycling rates; however, the members identified that the commercial, educational/LISD, and multi-family properties either do not have the same options or there may be some limiting factors that affect their ability to recycle. ECC members indicated a desire to initiate a review and an assessment of multi-family recycling options. In addition, ECC members indicated a desire to add green waste diversion to the Republic Services contract as part of this initiative.
- 2. Enhance Stormwater Management Program (SWMP) educational material** – Enhancing the current educational and promotional aspects of the Town's Stormwater Management Program (SWMP) would help meet the objectives proposed within the new five-year SWMP. This initiative would result in additional resources being dedicated to creating FMTV spots and enhanced webpages, educational programs and presentations, and an increase in the amount of information disseminated through utility bill inserts and other formats for stormwater-related education.
- 3. Establish an Arboretum** – The ECC added this initiative to evaluate the potential addition and location of an Arboretum. Establishing an Arboretum in the future would be an addition to the Town's educational initiatives related to trees. Two locations were recommended for consideration; Glenwick/Westchester Park and the Outdoor Learning Area.
- 4. Promote and conduct environmental classes and programs** – The ECC would be actively involved with this initiative to increase the number of educational classes held at the Library, schools, and at other appropriate sites within the Town. Town resources would also be utilized to promote and conduct additional environmental programs and educational classes.
- 5. Promote water conservation measures** – This initiative incorporates a drought tolerant landscaping standard for new Town projects, promotes incorporating available water reuse options, and requires the inclusion of drought tolerant landscaping options during the project review process. In addition to new projects, it is proposed that landscaping revisions to existing Town facilities include drought tolerant landscaping components when landscaping is replaced.
- 6. Open Space Plan** – The ECC formed an Open Space Subcommittee to evaluate the ECC's role relative to the Open Space Plan and implement appropriate measures to promote and update the plan if necessary. The subcommittee has completed recommended amendments to the brochure and updates to the Town's Open Space webpage.
- 7. Energy conservation** – This initiative includes implementing energy saving practices at Town facilities and potentially utilizing recommendations from a prior energy audit and potential future energy audits. The previously recommended implementation of LEED guided design principles for

new Town facilities or enhancements for existing Town facilities may also be included within this initiative.

8. **Conduct a Town-wide tree canopy analysis** – The tree canopy analysis enables the ECC and staff to compare the approximate Town-wide canopy growth or loss over time and review policies and practices related to canopy protection and growth. The Town purchased Feature Analyst software to more effectively assess the Town's canopy. The most recent assessment utilizing the 2016 National Agriculture Imagery Program (NAIP) data resulted in approximate Town-wide canopy coverage of 25%.

ALTERNATIVES/OPTIONS:

N/A

ATTACHMENTS:

N/A

RECOMMENDATION: Move to approve the Environmental Conservation Commission goals and objectives for 2018/2019.



ENVIRONMENTAL CONSERVATION COMMISSION AGENDA ITEM NO. 4

REGULAR ITEM

DATE: November 6, 2018
FROM: Matthew Woods, Director of Environmental Services
ITEM: Establish additional Environmental Conservation Commission subcommittees and discuss the Denton County Green Belt Plan committee.

BACKGROUND INFORMATION: This item provides the ECC the opportunity to evaluate the existing subcommittees and discuss forming new subcommittees. Current ECC subcommittees include the Open Space subcommittee and the Recycling subcommittee. The Arboretum subcommittee was formed in 2018 and made its recommendation to the ECC at the June 5, 2018, regular meeting.

The ECC may form new subcommittees and assign members to meet the Commission's annual goals and objectives for 2019. Staff will continue to provide support and work with the current and any future ECC subcommittees.

The Upper Trinity Regional Water District (UTRWD) continues to promote the Denton County Greenbelt Plan which was adopted by resolution by the Town on September 17, 2018, and UTRWD will begin forming a committee with representatives from around the county to assist with the promotion of the Greenbelt Plan. It is anticipated that the Town Council will appoint a Town representative to the Greenbelt Plan committee in the near future.

ALTERNATIVES/OPTIONS:

N/A

ATTACHMENTS:

N/A

RECOMMENDATION: Move to approve the creation of Environmental Conservation Commission subcommittees.