



AGENDA

TOWN OF FLOWER MOUND ENVIRONMENTAL CONSERVATION COMMISSION

REGULAR MEETING

January 7, 2020

**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. PUBLIC COMMENT

To speak to The Environmental Conservation Commission (ECC) during public comment, please fill out a comment form.

- Turn in form by 6:40 p.m. to Administrative Assistant
- Speakers are limited to 3 minutes; a tone will sound at 30 seconds left and when time has expired
- Please state your name and address when speaking

The purpose of this item is to allow the public an opportunity to address the ECC on issues that are not indicated as a "Public Hearing" on this agenda. Issues regarding daily operational or administrative matters should first be dealt with by calling Environmental Services at 972-874-6340 during business hours.

D. STAFF REPORT

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

E. CONSENT AGENDA - CONSENT ITEMS

Environmental Conservation Commission Meeting Agenda

January 7, 2020

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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 A member of the Environmental Conservation Commission may request an item(s) be withdrawn from the consent agenda and moved to regular agenda for discussion by making such request prior to a motion and vote on the Consent Agenda.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 November 5, 2019.

F. REGULAR ITEMS

2. Consider an application for a tree removal permit for one (1) specimen tree on property proposed for development as Lot 5, Block A of the Pepper Creek Ranch Addition. The property is generally located 4705 Summerhill Court.

G. ADJOURNMENT - REGULAR SESSION

H. CALL WORK SESSION TO ORDER

I. WORK SESSION ITEMS

3. Discuss the Environmental Conservation Commission Powers and Duties related to open space preservation and promotion.

J. SUBCOMMITTEE REPORT

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

K. COORDINATION OF FUTURE AGENDAS/MEETINGS

L. ADJOURNMENT- WORK 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: January 3, 2020, 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: January 7, 2020

FROM: Emily Chapman, Administrative Assistant

ITEM: Consider approval of minutes from the regular meeting of the Environmental Conservation Commission held on November 5, 2019.

BACKGROUND INFORMATION: This agenda item is to consider approval of the minutes from the November 5, 2019, 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 November 5, 2019, regular meeting of the Environmental Conservation Commission.

RECOMMENDATION: Move to approve the minutes from the November 5, 2019, regular meeting of the Environmental Conservation Commission.

FLOWER MOUND ENVIRONMENTAL CONSERVATION COMMISSION MEETING OF NOVEMBER 5, 2019

THE FLOWER MOUND ENVIRONMENTAL CONSERVATION COMMISSION MEETING HELD ON THE 5TH DAY OF NOVEMBER 2019, 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:

James Seastrom	Chair
James Naylor	Vice Chair
Russell McNamer	Commission Member, Place 3
Marilyn Lawson	Commission Member, Place 4
Alton Bowman	Commission Member, Place 5
Thomas Bailey	Commission Member, Place 6
Deanna Soper	Commission Member, Place 7
Elaine Takacs	Commission Member, Place 8
Anna Athappan	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.)

And the following members of Town staff present:

Matthew Woods	Director of Environmental Services
James Hoefert	Environmental Review Analyst
Matthew Green	Environmental Review Analyst
Tyler Leverenz	Environmental Programs Coordinator

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

B. INVOCATION AND PLEDGE OF ALLEGIANCE

C. PUBLIC COMMENT

None.

D. STAFF REPORT

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

E. CONSENT AGENDA

1. Consider approval of minutes from the regular meeting of the Environmental Conservation Commission held on October 1, 2019.

Commission Deliberation

FLOWER MOUND ENVIRONMENTAL CONSERVATION COMMISSION MEETING OF NOVEMBER 5, 2019

Commission Member McNamer made a motion to approve the October 1, 2019, minutes with correction. Vice Chair Naylor seconded the motion.

VOTE ON THE MOTION

AYES: Bailey, McNamer, Naylor, Lawson, Bowman, Soper
NAYS: None
ABSTAIN: None

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

F. ADJOURNMENT- REGULAR SESSION AT 6:38 PM

G. CALL WORK SESSION TO ORDER AT 6:38 PM

H. WORK SESSION ITEMS

2. Review the Town of Flower Mound's Stormwater Program and 2019 Annual Report.
3. Discuss the Town's Urban Forestry Program, associated regulations, and program initiatives.

I. SUBCOMMITTEE REPORT

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

J. COORDINATION OF FUTURE AGENDAS/MEETINGS

K. ADJOURNMENT- WORK SESSION – 8:22 PM

TOWN OF FLOWER MOUND, TEXAS

JAMES SEASTROM, VICE CHAIR

ATTEST:

EMILY CHAPMAN, ADMINISTRATIVE ASSISTANT



ENVIRONMENTAL CONSERVATION COMMISSION AGENDA ITEM NO. 2

REGULAR ITEM

DATE: January 7, 2020
FROM: James Hoefert, Environmental Review Analyst
PRESENTER Lara Hall, with McAdams
ITEM: **Consider an application for a tree removal permit for one (1) specimen tree on property proposed for development as Lot 5, Block A of the Pepper Creek Ranch Addition. The property is generally located 4705 Summerhill Court.**

BACKGROUND INFORMATION:

Lot 5, Block A of the Pepper Creek Ranch Addition is generally located at 4705 Summerhill Court. The site is approximately 0.992 acres in size. The site is currently zoned for Planned Development District No. 162 (PD-162) for a cluster development and is master planned for the Cross Timbers Conservation Development District. A home builder is required to submit a tree survey for each residential lot within the Pepper Creek Ranch Addition subdivision. The lot contains three (3) specimen trees, and the applicant is requesting to remove one (1) specimen tree to build a house. The specimen tree proposed for removal (Tree #699 – 28" post oak) is in good condition and is located within the proposed buildable area of the lot.

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 its size, 57" of replacement trees, equaling nineteen (19) three-inch caliper trees, will be required for the one (1) specimen tree being requested for removal on this site.

CITIZEN FEEDBACK: As of January 2, 2020, 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. Photograph 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 as Lot 5, Block A of the Pepper Creek Ranch Addition. The property is generally located 4705 Summerhill Court.



September 13, 2019

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

Reference: Tree Removal Permit Application
 Lot 5, Block B Pepper Creek Ranch
 Town of Flower Mound
 Denton County, 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: 2

TREE TAG #	CALIPER (")	COMMON NAME
692	37	Post Oak
696	33	Post Oak

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

TREE TAG #	CALIPER (")	COMMON NAME
699	28.5	Post Oak

The mitigation requirement for tree #699 will include and a standard mitigation rate of 2x the caliper inches of the tree removed. (19) 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.

Page 2

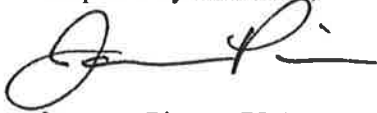
We are requesting the following specimen tree to be removed:

Tree #699, 28.5" 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 'J. 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.

Address:

201 Countryview Drive
Boonville, TX 76022

Phone:

940-240-1012 ext 522

Applicant's Legal Interest in the Property:

Landscape Architect

2. Property Owner(s)

Name(s):

Ryan Anderson

Address:

709 Crater Lake Circle
Keller Texas 76248

3. Location and Legal Description of Property:

Lot 5, Block B of Pepper Creek Ranch
Addition, Flower Mound Denton County

4. Owner's Authorization of Representation

I, Ryan Anderson, the owner of the above described real property, do hereby authorize Jameson Pinson 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 13 Day of September, 2019
Carolyn Marie King
Notary Public
In and For Denton 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 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. 28218
State of Licensure Texas
Or ISA Certified Arborist No. _____



Given Under My Hand and Seal of Office
This the 13 Day of September, 2019
Carolyn Marie King
Notary Public
In and For Denton County, Texas

6. Received by Town of Flower Mound on (Date) 9/13/2019 by (initials) JRH.

4705 Summerhill Court -
Specimen tree proposed for removal

Tree #699 – 28" post oak

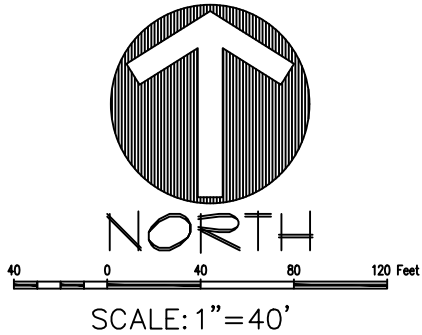
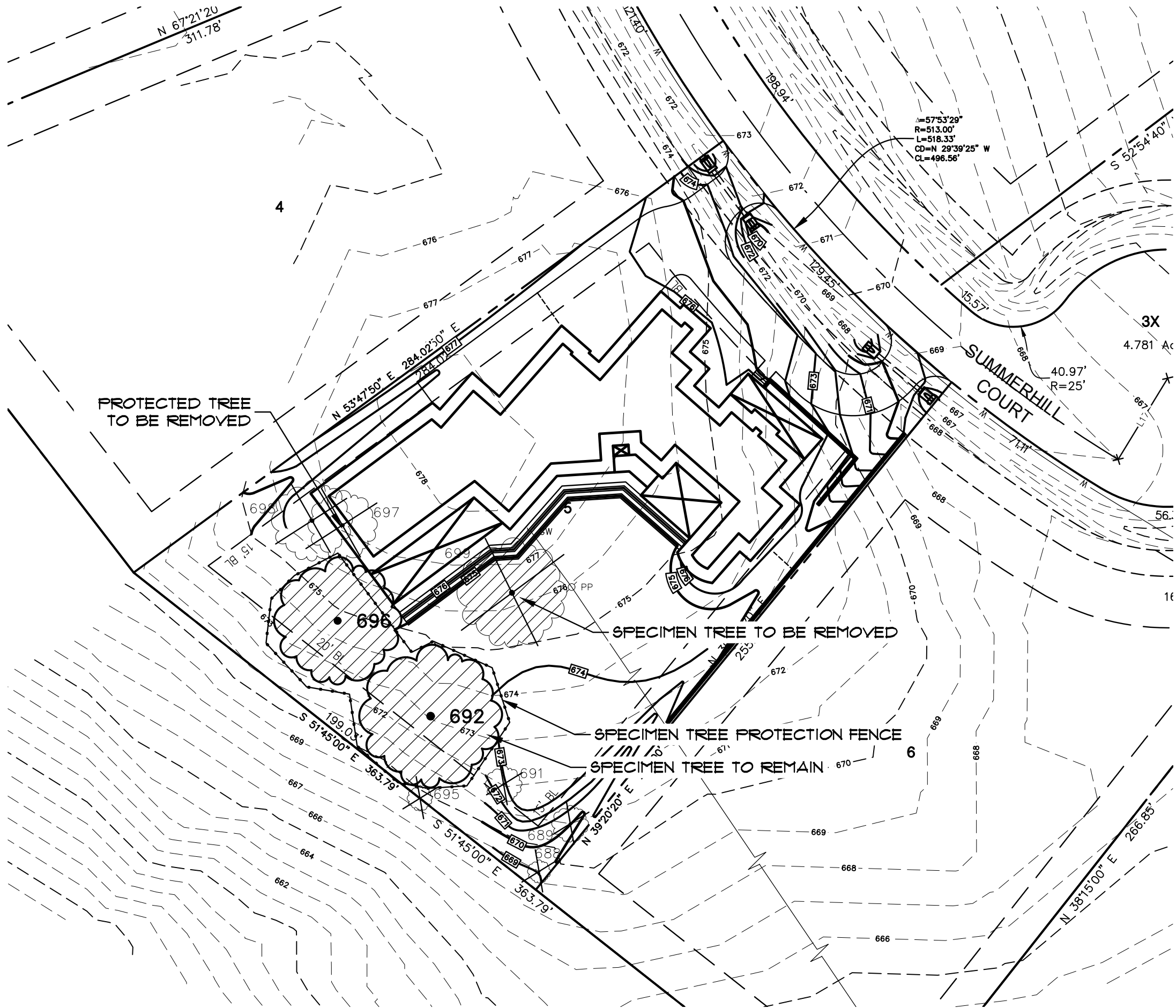


Tree Removal Request Signage

Along Cross Timbers Road



File: Z:\2018\18309\Drawings\Exhibit\18309 TS
Plotted: 11/26/2019 12:20 PM, by Davis, Xanthlyn; Saved: 11/26/2019 12:19 PM, by xadavis



LEGEND

- PROTECTED TREE TO REMAIN
- PROTECTED TREE TO REMOVE
- SPECIMEN TREE TO REMAIN
- SPECIMEN TREE TO BE REMOVED

***NOTES:
IN REGARDS TO TREE #696:
IF ADDITIONAL BMPs ARE
NEEDED, A WRITTEN LETTER
FROM AN ISA CERTIFIED
ARBORIST MUST BE PRESENTED
PRIOR TO CONSTRUCTION.



11/26/2019

The John R. McAdams
Company, Inc.
(DBA, G&A | McAdams)
111 Hillside Drive
Lewisville, Texas 75057
972.436.9712
201 Country View Drive
Roanoke, Texas 76262
940.240.1012
TBP#: 19762 TBP#: 10194440
www.mcadamsco.com



Lot 5, Block A
Pepper Creek Ranch Addition
0.992 Acres
Town of Flower Mound
Denton County, Texas

TREE SURVEY

Drawn By: LD
Date: 1.9.2019
Scale: 1"=40'
Revisions:

18309

LIST #	TAG #	CALIPER (")	COMMON NAME	BOTANICAL NAME	REMOVED	SPECIMEN	REMARKS
1	688	6	POST OAK	Quercus stellata	YES	NO	
2	689	14	POST OAK	Quercus stellata	YES	NO	
3	691	9.5	POST OAK	Quercus stellata	YES	NO	
4	692	37	POST OAK	Quercus stellata	NO	YES	
5	695	6.5	POST OAK	Quercus stellata	YES	NO	
6	***696	33	POST OAK	Quercus stellata	NO	YES	
7	697	18	POST OAK	Quercus stellata	YES	NO	
8	698	21	POST OAK	Quercus stellata	YES	NO	
9	699	28.5	POST OAK	Quercus stellata	YES	YES	

TREE PRUNING, REMOVAL AND PROTECTION MEASURES

A. QUALITY ASSURANCE

- 1) Comply with applicable Federal, state, county and local regulations governing landscape work.
- 2) employ only experienced personnel. Provide adequate supervision by qualified foreman.

B. JOB CONDITIONS

- 1) Coordination: Coordinate and cooperate with other contractors to enable the work to proceed as rapidly and efficiently as possible.
- 2) In order to minimize conflict, secure from the Construction Manager copies of layout drawings showing the location of all underground utility lines and other structures

C. PRODUCTS

- 1) MULCH: Double shredded hardwood mulch free of sticks, dirt and other debris and derived from the site clearing.

D. DEFINITIONS

- 1) CRZ: Critical Root Zone: The soil space directly under the canopy of any tree, extending out at least 7 feet from the trunk or 2/3 the distance to the drip-line, whichever is greater.
- 2) TPZ: Tree Protection Zone: The entire soil space located directly under the drip-line of any tree (the entire drip-line).
- 3) CRS: Complete Root System: The soil space directly under the drip-line of any tree and an additional 7 feet beyond said drip-line.
- 4) TPF: Tree Protection Fence: The orange safety barrier netting that shall extend around the entire circumference of the tree at the TPZ.

E. PRE-CONSTRUCTION TREE PRUNING

- 1) Personnel Qualifications: All pruning shall be performed under the supervision of an international Society of Arboriculture (ISA) Certified Arborist.
- 2) All trees within the project area shall be pruned to:

(i) Clear the crown of diseased, crossing, weak and dead wood to a minimum of 1 ½ inches in diameter

(ii) Provide 14 feet of vertical clearance over streets and 8 feet over sidewalks.

(iii) Remove stubs, cutting outside the wound-wood tissue that has formed around the branch.

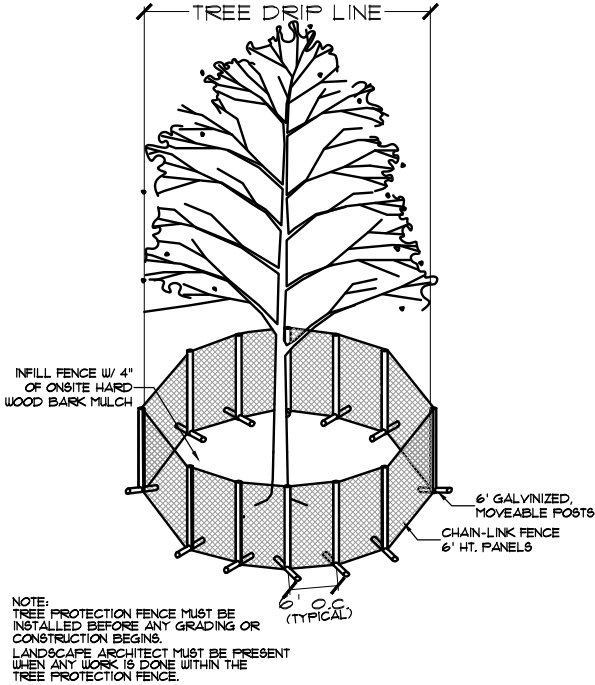
(iv) Reduce end weight on heavy, horizontal branches by selectively removing small diameter branches, no greater than 2 to 3 inches, near the ends of the scaffolds.
- 3) Pruning cuts shall be made in accordance with ANSI 300 Pruning Standard and work shall be performed in accordance with ANSI Z133.1 Safety Standards. Pruning shall be in accordance with ISA's Best Management Practices: Tree Pruning
- 4) No more than 20 percent of live foliage shall be removed from any tree.
- 5) Brush shall be chipped and chips shall be spread underneath trees within the tree protection zone to a maximum depth of 4 inches, leaving the trunk clear of mulch.

F. TREE REMOVAL

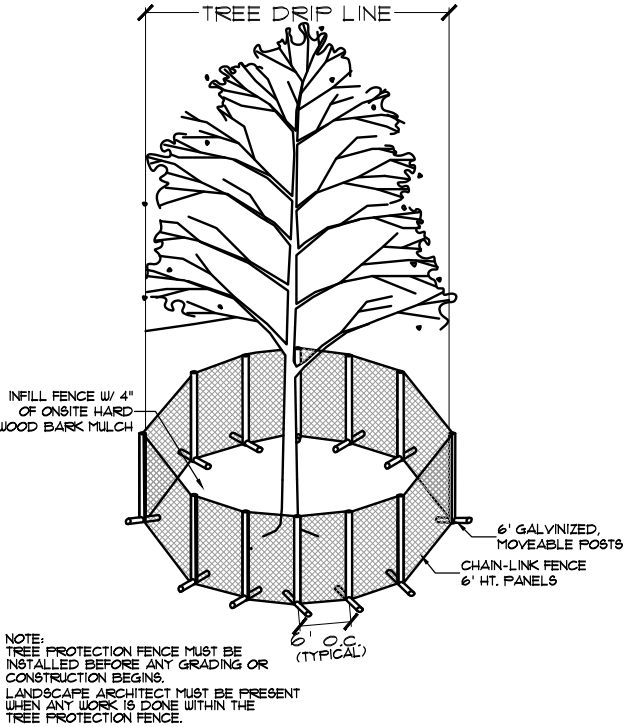
- 1) Trees preservation requires a commitment to preserving and maintaining retained trees, as well as removal of any unsuited trees within the Project Area.
- 2) All wood debris from all tree removals at the Project Site is to be chipped and stored on site for use in the tree preservation efforts at the discretion of the Landscape Architect.
- 3) The limits of all tree protection zones shall be staked in the field and observed by all contractors,
- 4) Any brush clearing required within the tree protection zone shall be accomplished with hand operated equipment.
- 5) Trees to be removed from within the tree protection zone shall be removed under the supervision of a Certified Arborist. The trees shall be cut near ground level and the stump ground out.

G. TREE PROTECTION

- 1) Before beginning work, the Project Manager, Landscape Architect and/or Owner or their agents are required to meet at the site to review all work procedures, access routes, storage areas, and tree protection measures. Any intended construction activities inside the TPZ shall be clearly outlines.
- 2) Fences shall be erected to protect trees to be preserved prior to construction equipment arriving on the Project Site. Fences will define the specific protection zone for each tree or group trees.
- 3) Fences are to be maintained and remain until all site work has been completed and final landscape operations begin. Fences may not be relocated or removed without written permission from the Landscape Architect. Fences may be constructed from 6 "T" stakes and orange web fence material
- 4) All trees to be preserved shall have 4 inches of hardwood mulch applied inside the tree protection zone. This hardwood mulch shall be replenished as necessary to maintain a 4 inch depth.
- 5) Construction trailers, traffic and storage areas must remain outside fenced areas at all times.
- 6) Tree roots extend out in a straight, radial direction from the tree much like spokes on a wheel (to a depth generally not exceeding 24"). All underground utilities and drain or irrigation lines shall be routed outside the tree protection zone. If lines must traverse the protection area, they shall be tunneled or bored under the tree. Trenches "airdug" with Air Spade (registered trademark) or similar technology are the exceptions. Irrigation line may routed in any direction outside the dripline of retained trees. Irrigation lines inside the drip-line must be in a straight, radial direction towards the tree trunk and terminate in a dead end sprinkler head no grater than 7 feet from a tree trunk (irrigation lines shall not in any way bisect and therefore damage the "spoke-like" root system).
- 7) No materials, equipment, spoil, or waste or washout water may be deposited, stored, or parked within the tree protection zone.
- 8) If unintentional injury should occur to any tree during construction, it shall be reported to the Landscape Architect within six hours so that remedial action can be taken, Timeliness is critical to tree health. The cost of any remedial treatments will become the burden of the offending contracting company.
- 9) Any grading, construction, demolition, or other work that in expected to encounter tree roots must be monitored by the Landscape Architect. Specific locations or tree tag numbers should be identified



1. SPECIMEN TREE PROTECTION FENCING
 1/4"=1'



2. TREE PROTECTION FENCING
 NTS



11/26/2019

The John R. McAdams Company, Inc.
(DBA, G&A | McAdams)
111 Hillside Drive
Lewisville, Texas 75057
972.436.9712
201 Country View Drive
Roanoke, Texas 76262
940.240.1012
www.gadon.com
www.mcadamsco.com



"ADDRESS"
Lot 5, Block A
Pepper Creek Ranch Addition
0.992 Acres
Town of Flower Mound
Denton County, Texas

TREE SURVEY

Drawn By: LD
Date: 1.9.2019
Scale:
Revisions:

18309



ENVIRONMENTAL CONSERVATION COMMISSION AGENDA ITEM NO. 3

WORK SESSION ITEM

DATE: January 7, 2020

FROM: Matthew Woods, Director of Environmental Services

ITEM: Discuss the Environmental Conservation Commission Powers and Duties related to open space preservation and promotion.

BACKGROUND INFORMATION: This work session item provides the Environmental Conservation Commission (ECC) the opportunity to discuss the established powers and duties related to the preservation and promotion of open space in the Town.

The ECC formed an Open Space Subcommittee to review the Open Space Plan and its application related to residential development projects within the Cross Timbers Conservation Development District. The subcommittee recently recommended an open space reporting form and process which were approved by the ECC. The reports will provide information related to the condition of the applicable conservation easements or dedicated open space within approved development projects. The ECC also continues to promote the preservation of open space through various meetings, events, and educational opportunities in the Town.

ALTERNATIVES/OPTIONS:

N/A

ATTACHMENTS:

1. ECC Powers and Duties

RECOMMENDATION: This item is for discussion purposes; therefore, no formal action is required.

Sec. 2-175. - Powers and duties.

The environmental conservation commission shall have the following powers and duties:

- (1) *Open space.* Promote the town's open space plan and its components and facilitate relations between landowners and land trusts. Develop and implement appropriate land protection techniques and tools for preserving open, productive agricultural, natural and scenic lands, while creating compatible recreational resources where appropriate.
- (2) *Conservation projects.* Review, evaluate and/or propose conservation projects in relation to objectives expressed in the open space plan and advise town council on appropriateness of conservation incentives.
- (3) *Water quality and conservation.* Advise the town council relative to water conservation and the future character and health of the town's bodies of water, stormwater, ground water, and surface water to include reviewing water quality and conservation program activities, prioritizing actions and plans, and public education.
- (4) *Tree preservation.* Oversee and advise the town council and staff in policy matters relative to tree preservation. Promote tree care, planting, and the proper management of urban forests.
- (5) *Special matters.* Consider, investigate, report and/or recommend upon any special matter or question coming before the commission within the scope of its duties and responsibilities or referred to it by the town council or town manager.
- (6) *Outdoor learning area.* Assist in the enhancement, promotion, and preservation of the town's tree farm and outdoor learning area.
- (7) *Recruitment and funding.* Assist and advise the town council and staff in recruitment of volunteers, facilitating grant applications, and seeking contributions to support environmental initiatives.
- (8) *Public engagement.* Promote public awareness and community outreach programs related to environmental initiatives.
- (9) *Advisory resources.* The commission may form subcommittees, recruit unpaid advisors, hold public hearings, encourage the interest of other organizations in its objectives, and engage in similar activities which in its judgment may assist it in making recommendations and promoting environmental conservation.
- (10) *Regulations.* The commission may propose adoption, amendment, or repealment of regulations to town council as deemed necessary or desirable in order to carry out its powers and duties.
- (11) *Reporting.* The commission shall submit to the town council, not less than every 12 months, a report of its progress and recommendations.
- (12) *Sustainability.* The commission shall develop, oversee, and promote the town's sustainability plan and its components.

(Ord. No. 51-11, § 2, 9-19-2011)