

## **AGENDA**

### **TOWN OF FLOWER MOUND ENVIRONMENTAL CONSERVATION COMMISSION**

#### **REGULAR MEETING**

**October 1, 2019**

**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. ELECTION OF CHAIR AND VICE CHAIR**
- C. INVOCATION AND PLEDGE OF ALLEGIANCE**
- D. PUBLIC COMMENT**

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.

- E. STAFF REPORT**

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

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 A member of the Environmental Conservation Commission may request an item(s) be withdrawn from the consent agenda and moved to regular agenda for discussion by making such request prior to a motion and vote on the Consent Agenda.

## Environmental Conservation Commission Meeting Agenda

October 1, 2019

Page 2

1. Consider approval of minutes from the special meeting of the Environmental Conservation Commission held on September 12, 2019.

### **G. REGULAR ITEMS**

2. Consider an application for a tree removal permit for eight (8) specimen trees on property proposed for development as Silveron Park. The property is generally located south of Long Prairie Road and east of Lakeside Village Boulevard.
3. Consider an application for a tree removal permit for one (1) specimen tree on property proposed for development as Trailwood Phase 2. The property is generally located south of Cross Timbers Road and west of U.S. 377.
4. Review the trees nominated for the Town's Tree Recognition Program and select the tree(s) for recognition for 2019.

### **H. SUBCOMMITTEE REPORT**

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

### **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: September 27, 2019, 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:** September 12, 2019

**FROM:** Emily Chapman, Administrative Assistant

**ITEM:** Consider approval of minutes from the special meeting of the Environmental Conservation Commission held on September 12, 2019.

---

**BACKGROUND INFORMATION:** This agenda item is to consider approval of the minutes from the September 12, 2019, special 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 September 12, 2019, special meeting of the Environmental Conservation Commission.

**RECOMMENDATION:** Move to approve the minutes from the September 12, 2019, special meeting of the Environmental Conservation Commission.

## FLOWER MOUND ENVIRONMENTAL CONSERVATION COMMISSION SPECIAL MEETING OF SEPTEMBER 12, 2019

**THE FLOWER MOUND ENVIRONMENTAL CONSERVATION COMMISSION MEETING  
HELD ON THE 12TH DAY OF SEPTEMBER 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:

|                 |                             |
|-----------------|-----------------------------|
| Thomas Bailey   | Chair                       |
| James Seastrom  | Vice Chair                  |
| Russell McNamer | Commission Member, Place 3  |
| Alton Bowman    | Commission Member, Place 5  |
| Marilyn Lawson  | Commission Member, Place 4  |
| James Gerber    | Commission Member, Place 7  |
| 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 |
| Elaine Takacs | Commission Member, Place 8 |

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. INVOCATION AND PLEDGE OF ALLEGIANCE**

**C. PUBLIC COMMENT**

**None.**

**D. CONSENT AGENDA**

- 1. Consider approval of minutes from the regular meeting of the Environmental Conservation Commission held on August 6, 2019.**

**Commission Deliberation**

Commission Member McNamer made a motion to approve the August 6, 2019, minutes as presented. Commission Member Seastrom seconded the motion.

**VOTE ON THE MOTION**

## FLOWER MOUND ENVIRONMENTAL CONSERVATION COMMISSION SPECIAL MEETING OF SEPTEMBER 12, 2019

**AYES:** Layne, Gerber, Bowman, Lawson, Seastrom, McNamer,  
**NAYS:** None  
**ABSTAIN:** None

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

## **E. REGULAR ITEMS**

- 2. Consider application for a tree removal permit for six (6) specimen trees on property proposed for development as St. Philip the Apostle Catholic Church. The property is generally located at the southwest corner of Cross Timbers Road and Flower Mound Road.**

### **Staff Presenter**

James Hoefert, Environmental Review Analyst, gave a presentation with the following items included:

- Project Information Overview
- General Location
- Detailed Location
- Specimen Tree Survey
- Specimen Trees Requested for Removal Overview
- Proposed Land Use Plan

Jeff Miles, with the St. Philips the Apostle Catholic Church (3713 Kinross Ct, Flower Mound, TX 75028) answered questions and gave a presentation with the following items included:

- Church Overview
- Google Earth Image
- Tree Preservation Plan

### **Commission Deliberation**

Commission Member McNamer made a motion to approve application for six (6) specimen trees on property proposed for development as St. Philip the Apostle Catholic Church. The property is generally located at the southwest corner of Cross Timbers Road and Flower Mound Road. Commission Member Gerber seconded the motion.

### **VOTE ON THE MOTION**

**AYES:** Layne, Gerber, Bowman, Lawson, McNamer  
**NAYS:** None  
**ABSTAIN:** Seastrom

The motion passed with a vote of 5-0-1

- 3. Consider an application for a tree removal permit for one (1) specimen tree on property proposed for development as Parkway Office Lakeside. The property is generally located south of Lakeside Parkway and east of Gerault Road.**

### **Staff Presenter**

## FLOWER MOUND ENVIRONMENTAL CONSERVATION COMMISSION SPECIAL MEETING OF SEPTEMBER 12, 2019

James Hoefert, Environmental Review Analyst, gave a presentation with the following items included:

- Project Information Overview
- General Location
- Detailed Location
- Specimen Tree Survey
- Specimen Trees Requested for Removal Overview
- Proposed Land Use Plan

### **Applicant Presenter**

Arron Law, Belle Firma, Inc., (4245 N. Central Expy., Suite 501, Dallas, TX 75205) answered questions and gave a presentation with the following items included:

- Tree Exhibit
- Site Plan- Phase 1
- Site Plan- Phase 2
- Perspective View- Phase 1

### **Commission Deliberation**

Vice Chair Seastrom made a motion to approve application for one (1) specimen tree on property proposed for development as Parkway Office Lakeside. The property is generally located south of Lakeside Parkway and east of Gerault Road. Commission Member Lawson seconded the motion.

### **VOTE ON THE MOTION**

**AYES:** Layne, Gerber, Bowman, Lawson, Seastrom, McNamer,  
**NAYS:** None  
**ABSTAIN:** None

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

4. Consider application for a tree removal permit for one (1) specimen tree on property proposed for development as Block B, Lot 13, of Oakbridge at Flower Mound Phase 2. The property is generally located at 2233 Sullenberger Way.

### **Staff Presenter**

James Hoefert, Environmental Review Analyst, gave a presentation with the following items included:

- Project Information Overview
- General Location
- Detailed Location
- Specimen Tree Survey
- Specimen Tree Requested for Removal Overview

### **Applicant Presenter**

FLOWER MOUND ENVIRONMENTAL CONSERVATION COMMISSION SPECIAL MEETING OF SEPTEMBER 12, 2019

None.

**Citizen Comment**

Anna Athappan, (501 Saddleback Ln, Flower Mound, TX 75028) gave information about the property. They are in the process of purchasing this lot.

**Commission Deliberation**

Commission Member Gerber made a motion to approve application for one (1) specimen tree on property proposed for development as Block B, Lot 13, of Oakbridge at Flower Mound Phase 2. The property is generally located at 2233 Sullenberger Way. Vice Chair Seastrom seconded the motion.

**VOTE ON THE MOTION**

**AYES:** Layne, Gerber, Bowman, Lawson, Seastrom, McNamer,  
**NAYS:** None  
**ABSTAIN:** None

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

**F. COORDINATION OF FUTURE AGENDAS/MEETINGS**

**G. ADJOURNMENT- REGULAR SESSION – 7:45 PM**

**TOWN OF FLOWER MOUND, TEXAS**

---

**THOMAS BAILEY, CHAIR**

**ATTEST:**

---

**EMILY CHAPMAN, ADMINISTRATIVE ASSISTANT**



## ENVIRONMENTAL CONSERVATION COMMISSION AGENDA ITEM NO. 2

### REGULAR ITEM

---

**DATE:** October 1, 2019  
**FROM:** James Hoefert, Environmental Review Analyst  
**PRESENTER** Xochilyn Davis, with G&A | McAdams  
**ITEM:** **Consider an application for a tree removal permit for eight (8) specimen trees on property proposed for development as Silveron Park. The property is generally located south of Long Prairie Road and east of Lakeside Village Boulevard.**

---

#### BACKGROUND INFORMATION:

The Silveron Park development is generally located south of Long Prairie Road and east of Lakeside Village Boulevard. The site is approximately 48.11 acres in size. The site is currently zoned for Planned Development District No. 31 (PD-31) with Campus Commercial District (CC) uses and master planned for the Lakeside Business District. The applicant is requesting to rezone the site to Planned Development District No. 171 (PD-171) with Campus Commercial District uses (CC). According to the tree survey for the project, the site contains twenty-nine (29) specimen trees. The applicant is requesting to remove eight (8) trees. The specimen trees proposed for removal are all in good condition and are located within the proposed buildable area.

The following is a list of the eight (8) specimen trees being requested for removal: Tree #5287 – 23” cedar elm; Tree #5361 – 25” post oak; Tree #5506 – 30” post oak; Tree #5518 – 25” post oak; Tree #5519 – 24” post oak; Tree #5522 – 22” post oak; Tree #5523 – 23” post oak; and Tree #5601 – 25” post oak.

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 their sizes, 396” of replacement trees, equaling 132 three-inch caliper trees, will be required for the eight (8) specimen trees being requested for removal on this site. In addition, protected trees removed from the buildable area will also require replacement at a tree-for-tree rate. The developer is proposing to preserve a significant number of existing protected and specimen trees on the site, so there will be credits available for the preservation of those trees.

**CITIZEN FEEDBACK:** As of September 25, 2019, 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. Photographs of the specimen trees 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 eight (8) specimen trees on property proposed for development as Silveron Park. The property is generally located south of Long Prairie Road and east of Lakeside Village Boulevard.



September 12, 2019

Jimmy Hoefert, Environmental Review Analyst  
Town of Flower Mound  
2121 Cross Timbers Road  
Flower Mound, TX 75028

Reference: Tree Removal Permit Application  
Graham Tract  
Town of Flower Mound  
Denton County, Texas

Dear Mr. Hoefert;

On behalf of the owner/developer on the aforementioned property, we are requesting that (8) specimen trees (as outlined on the attached tree removal exhibit), as defined in the TOFM Tree Preservation Code, be removed. The trees are 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 trees included in the permit application.

#### **TREE TABULATION FROM THE SPECIMEN TREE SURVEY**

Total specimen trees on site to be saved: 29

| LIST # | TREE TAG # | CALIPER (") | COMMON NAME |
|--------|------------|-------------|-------------|
| 1      | 5038       | 25          | Red Oak     |
| 2      | 5078       | 22          | Post Oak    |
| 3      | 5185       | 19          | Cedar Elm   |
| 4      | 5226       | 22          | Post Oak    |
| 5      | 5229       | 21          | Cedar Elm   |
| 6      | 5275       | 24          | Post Oak    |
| 7      | 5279       | 21          | Cedar Elm   |
| 8      | 5295       | 23          | Post Oak    |
| 9      | 5297       | 28          | Cedar Elm   |
| 10     | 5298       | 20          | Cedar Elm   |
| 11     | 5300       | 21          | Cedar Elm   |
| 12     | 5310       | 27          | Post Oak    |
| 13     | 5350       | 29          | Post Oak    |
| 14     | 5369       | 25          | Post Oak    |
| 15     | 5371       | 29          | Post Oak    |
| 16     | 5372       | 25          | Post Oak    |
| 17     | 5379       | 26          | Post Oak    |
| 18     | 5388       | 20          | Cedar Elm   |
| 19     | 5390A      | 42          | Post Oak    |

|    |       |    |           |
|----|-------|----|-----------|
| 20 | 5390B | 23 | Post Oak  |
| 21 | 5505  | 22 | Cedar Elm |
| 22 | 5508  | 32 | Post Oak  |
| 23 | 5554  | 24 | Post Oak  |
| 24 | 5555  | 25 | Post Oak  |
| 25 | 5557  | 26 | Post Oak  |
| 26 | 5562  | 28 | Post Oak  |
| 27 | 5566  | 19 | Cedar Elm |
| 28 | 5569  | 23 | Post Oak  |
| 29 | 5584  | 31 | Post Oak  |

Total specimen trees off site to be removed due to infrastructure and grading: 8

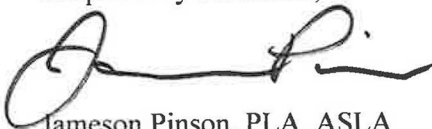
| LIST # | TREE TAG # | CALIPER (") | COMMON NAME |
|--------|------------|-------------|-------------|
| 1      | 5287       | 23          | Cedar Elm   |
| 2      | 5361       | 25          | Post Oak    |
| 3      | 5506       | 30          | Post Oak    |
| 4      | 5518       | 25          | Post Oak    |
| 5      | 5519       | 24          | Post Oak    |
| 6      | 5522       | 22          | Post Oak    |
| 7      | 5523       | 23          | Post Oak    |
| 8      | 5601       | 25          | Post Oak    |

The mitigation requirement for the specimen trees listed above will include a standard mitigation rate of 2x the caliper inches of the tree removed. (132) 3" caliper trees or equivalent preservation credits under section 94-40 of the town ordinance will be required to fulfill the mitigation requirement.

Due to infrastructure, grading, Town of Flower Mound Engineering Standards, and site conditions, these specimen trees are not able to be saved. The site plan before you appears to be the most beneficial for considering all the site constraints and opportunities. 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,



Jameson Pinson, PLA, ASLA  
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: RON STEWART, P.L.A.

Address: 111 HILLSIDE DR.  
LEWISVILLE, TX 75057

Phone: (972) 436-9712 x 612

Applicant's Legal Interest in the Property:  
LANDSCAPE ARCHITECT

**2. Property Owner(s)**

Name(s): JOE GRAHAM  
Address: 3838 OAK LAWN AVE, STE. 1250  
DALLAS, TX 75219

**3. Location and Legal Description of Property:**

+/- SOUTH EAST CORNER OF FM 2491, LAKESIDE VIL. PKWY.  
40.115 ACRES IN THE J. TANNEHILL SURVEY, ABSTRACT  
NO. 1252 TOWN OF FLOWER MOUND, J. KNIGHT SURVEY,  
ABSTRACT NO. 692 TARRANT COUNTY, TEXAS

**4. Owner's Authorization of Representation**

I, JOE GRAHAM, the owner of the above described real property, do hereby authorize RON STEWART 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.



Joe M. Graham  
Signature of Owner

Given Under My Hand and Seal of Office  
This the 23 Day of July, 2019  
Kerry B. Brown  
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 RON STEWART 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. 791  
State of Licensure TX  
Or ISA Certified Arborist No. \_\_\_\_\_

Given Under My Hand and Seal of Office  
This the 23 Day of July, 2019  
Kelli Morgan  
Notary Public  
In and For Denton County, Texas

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



Silveron Park -  
Specimen trees proposed for removal





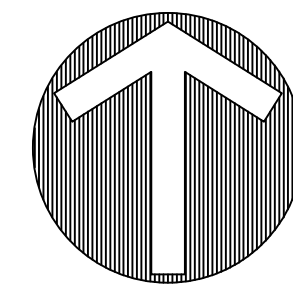
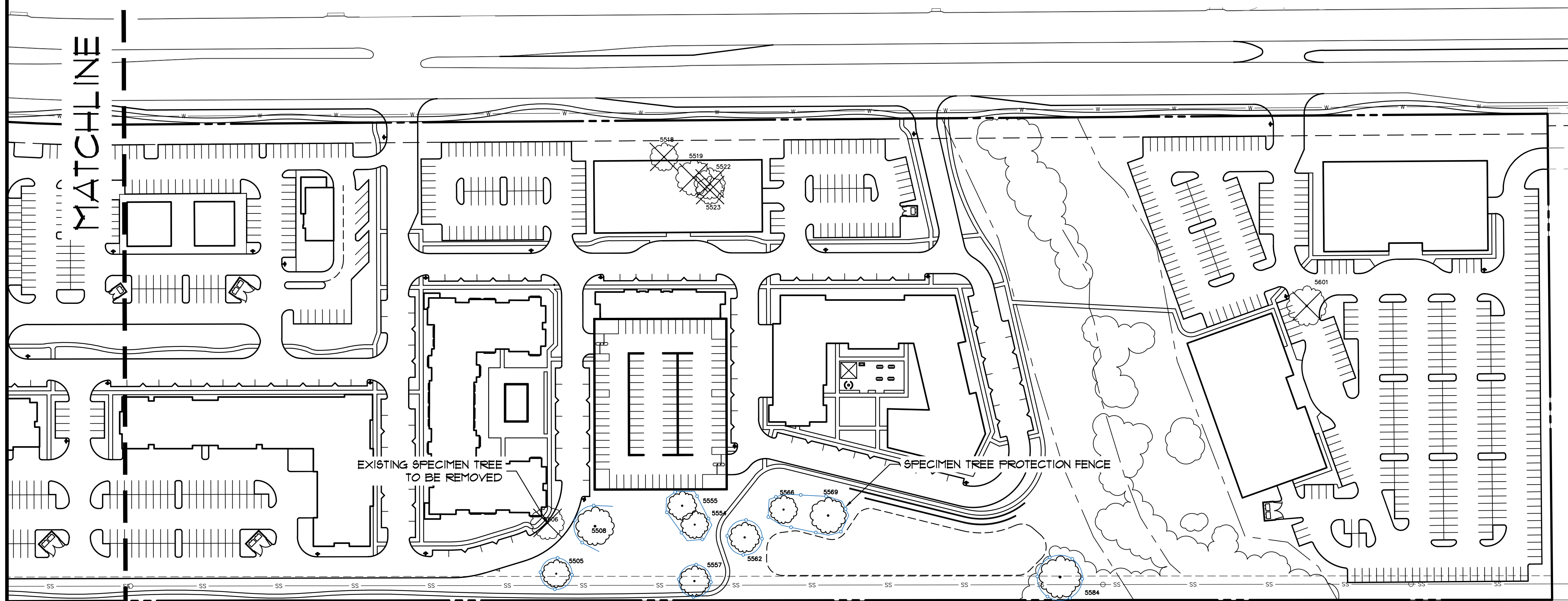
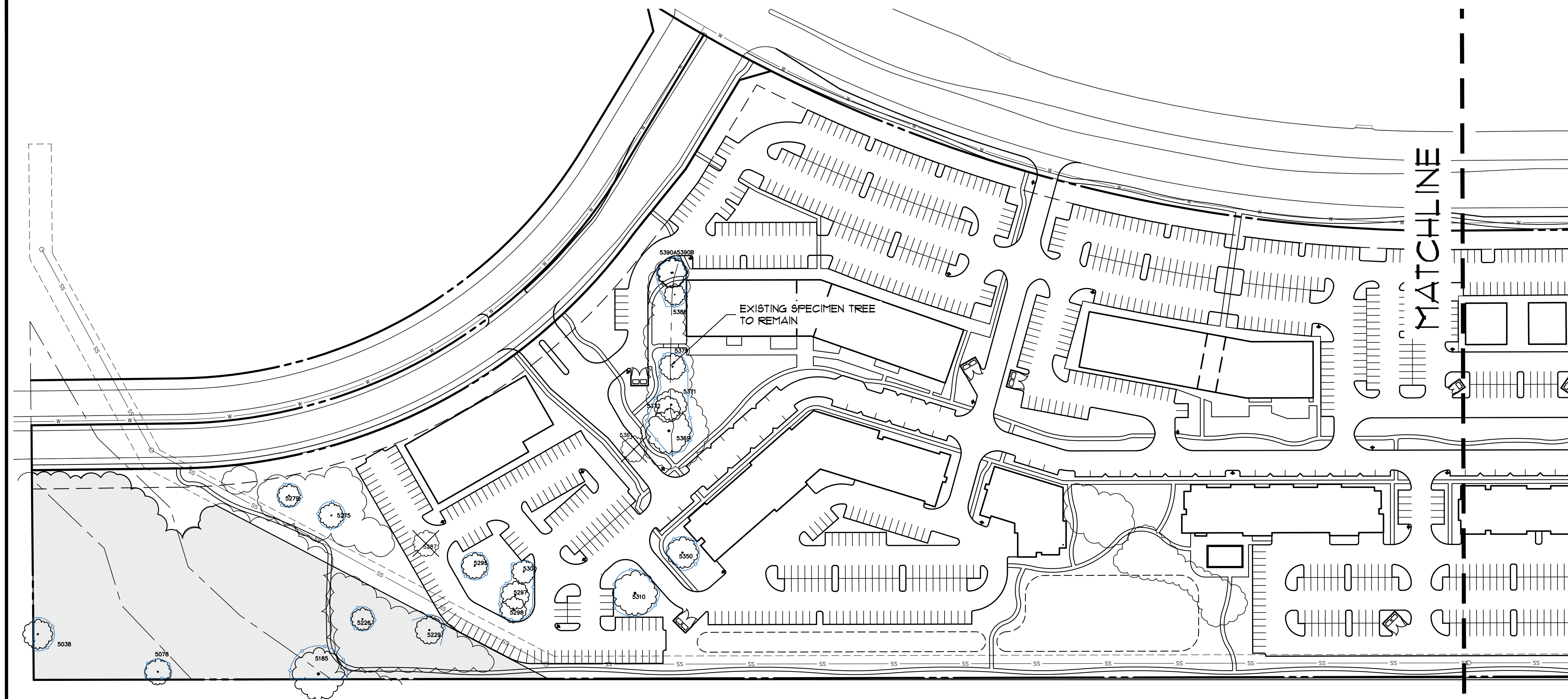
# Tree Removal Request Signage

Along Long Prairie Rd.

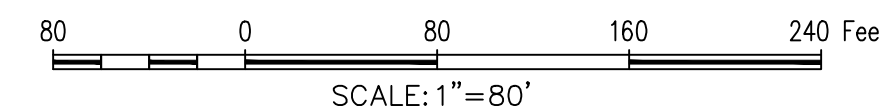


Along Lakeside Village Blvd.

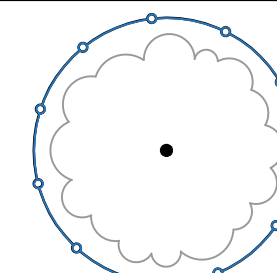




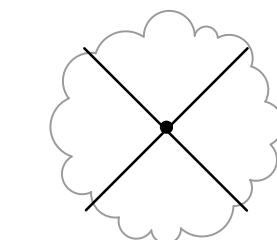
NORTH



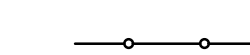
### PLANT LEGEND



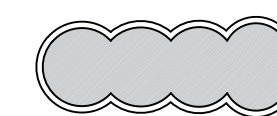
TO REMAIN



EXISTING SPECIMEN TREE  
TO BE REMOVED



SPECIMEN TREE  
PROTECTION FENCE



UPLAND HABITAT

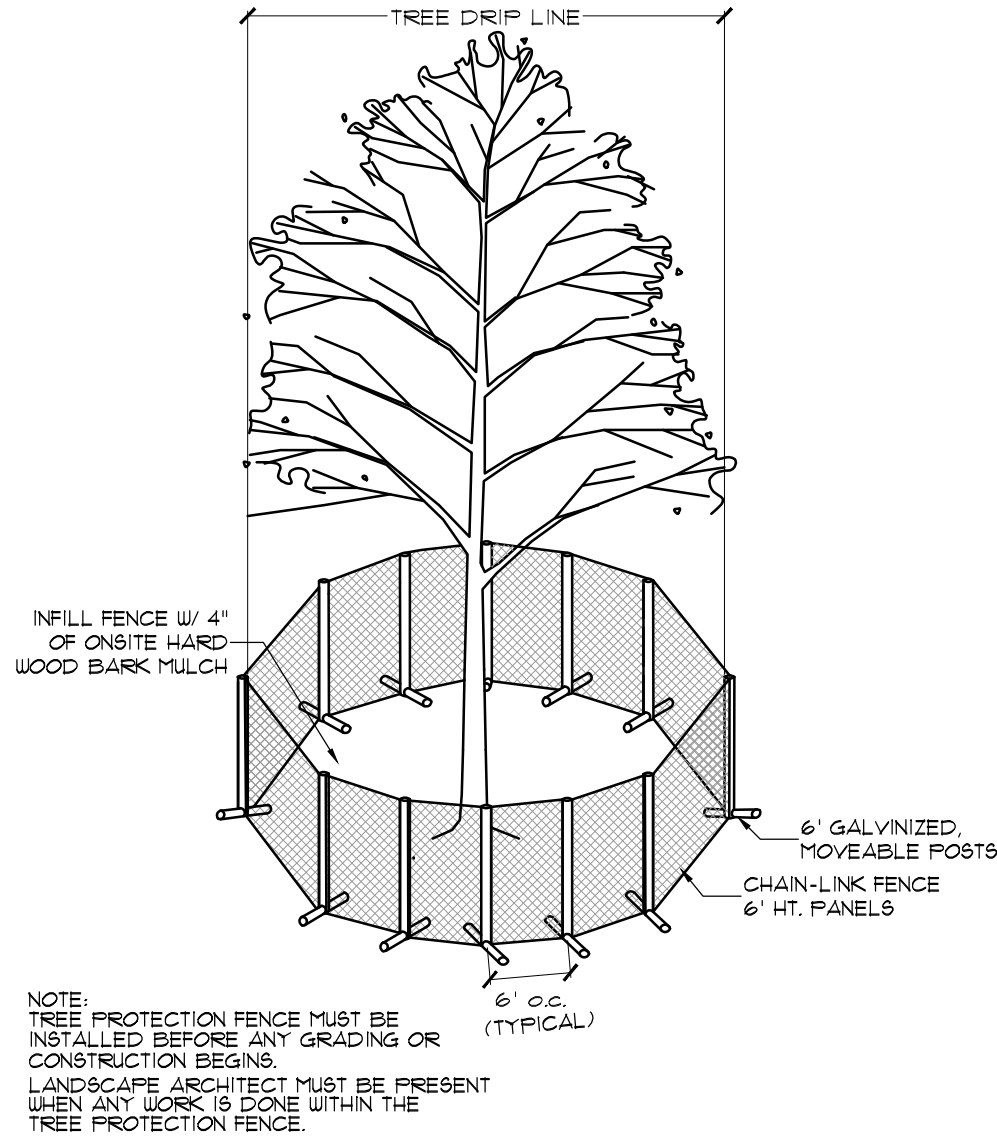
THERE ARE A TOTAL OF 31 SPECIMEN TREES.  
31 OF THE 31 SPECIMEN TREES ARE OUTSIDE OF  
THE UPLAND HABITAT.  
5 OF THE 31 SPECIMEN TREES ARE INCLUDED IN  
THE UPLAND HABITAT.

NOTE: LIME STABILIZATION IS NOT PERMITTED  
WITHIN 20 FEET OF SHOWN TREE CANOPY.

File: Z:\2018\18257\Drawings\Zoning\SHEETS\18257 SPECIMEN TREE SURVEY  
 Plotted: 9/12/2019 10:13 AM, by Doris, Kochlin; Saved: 9/12/2019 9:59 AM, by xdw/s

File: J:\2019\Keller\Specimen Tree Survey\DWG\18257 SPECIMEN TREE SURVEY.dwg  
Plotted: 9/12/2019 10:13 AM by Diana, kashyap. Scale: 9/12/2019 9:49 AM by nashu

| LIST # | TREE # | CAL. " | COMMON NAME | BOTANICAL NAME    | REMOVED | HEALTH    | REMARKS             | CANOPY |
|--------|--------|--------|-------------|-------------------|---------|-----------|---------------------|--------|
| 1      | 5038   | 25     | RED OAK     | Quercus rubra     | NO      | HEALTHY   |                     | 40     |
| 2      | 5078   | 22     | POST OAK    | Quercus stellata  | NO      | HEALTHY   |                     | 35     |
| 3      | 5185   | 19     | CEDAR ELM   | Ulmus crassifolia | NO      | HEALTHY   |                     | 35     |
| 4      | 5226   | 22     | POST OAK    | Quercus stellata  | NO      | HEALTHY   |                     | 30     |
| 5      | 5275   | 24.5   | POST OAK    | Quercus stellata  | NO      | HEALTHY   |                     | 35     |
| 6      | 5229   | 21     | CEDAR ELM   | Ulmus crassifolia | NO      | HEALTHY   |                     | 50     |
| 7      | 5279   | 21     | CEDAR ELM   | Ulmus crassifolia | NO      | DECLINING | Multitrunk          | 45     |
| 8      | 5287   | 23     | CEDAR ELM   | Ulmus crassifolia | YES     | HEALTHY   |                     | 35     |
| 9      | 5295   | 23.5   | POST OAK    | Quercus stellata  | NO      | HEALTHY   |                     | 40     |
| 10     | 5297   | 28     | CEDAR ELM   | Ulmus crassifolia | NO      | HEALTHY   | Multitrunk          | 40     |
| 11     | 5298   | 20     | CEDAR ELM   | Ulmus crassifolia | NO      | HEALTHY   |                     | 35     |
| 12     | 5300   | 21     | CEDAR ELM   | Ulmus crassifolia | NO      | HEALTHY   |                     | 45     |
| 13     | 5310   | 27     | POST OAK    | Quercus stellata  | NO      | HEALTHY   |                     | 60     |
| 14     | 5350   | 29.5   | POST OAK    | Quercus stellata  | NO      | HEALTHY   |                     | 50     |
| 15     | 5361   | 25     | POST OAK    | Quercus stellata  | YES     | HEALTHY   |                     | 35     |
| 16     | 5369   | 25     | POST OAK    | Quercus stellata  | NO      | HEALTHY   |                     | 60     |
| 17     | 5371   | 29.5   | POST OAK    | Quercus stellata  | NO      | HEALTHY   |                     | 55     |
| 18     | 5372   | 25.5   | POST OAK    | Quercus stellata  | NO      | HEALTHY   |                     | 35     |
| 19     | 5379   | 26.5   | POST OAK    | Quercus stellata  | NO      | HEALTHY   |                     | 40     |
| 20     | 5388   | 20.5   | CEDAR ELM   | Ulmus crassifolia | NO      | HEALTHY   |                     | 40     |
| 21     | 5390A  | 42     | POST OAK    | Quercus stellata  | NO      | HEALTHY   |                     | 30     |
| 22     | 5390B  | 23     | POST OAK    | Quercus stellata  | NO      | HEALTHY   |                     | 30     |
| 23     | 5505   | 22     | CEDAR ELM   | Ulmus crassifolia | NO      | HEALTHY   | Multitrunk          | 35     |
| 24     | 5506   | 30     | POST OAK    | Quercus stellata  | YES     | HEALTHY   |                     | 45     |
| 25     | 5508   | 32.5   | POST OAK    | Quercus stellata  | NO      | HEALTHY   |                     | 50     |
| 26     | 5518   | 25     | POST OAK    | Quercus stellata  | YES     | HEALTHY   |                     | 35     |
| 27     | 5519   | 24.5   | POST OAK    | Quercus stellata  | YES     | HEALTHY   |                     | 45     |
| 28     | 5522   | 22     | POST OAK    | Quercus stellata  | YES     | HEALTHY   |                     | 40     |
| 29     | 5523   | 23     | POST OAK    | Quercus stellata  | YES     | HEALTHY   |                     | 40     |
| 30     | 5554   | 24     | POST OAK    | Quercus stellata  | NO      | HEALTHY   |                     | 35     |
| 31     | 5555   | 25     | POST OAK    | Quercus stellata  | NO      | HEALTHY   |                     | 40     |
| 32     | 5557   | 26.5   | POST OAK    | Quercus stellata  | NO      | DECLINING | Trunk Rot; SS ESMT  | 45     |
| 33     | 5562   | 28.5   | POST OAK    | Quercus stellata  | NO      | HEALTHY   |                     | 55     |
| 34     | 5566   | 19.5   | CEDAR ELM   | Ulmus crassifolia | NO      | HEALTHY   |                     | 35     |
| 35     | 5569   | 23     | POST OAK    | Quercus stellata  | NO      | HEALTHY   |                     | 60     |
| 36     | 5584   | 31     | POST OAK    | Quercus stellata  | NO      | HEALTHY   | Multitrunk; SS ESMT | 60     |
| 37     | 5601   | 25     | POST OAK    | Quercus stellata  | YES     | HEALTHY   |                     | 50     |



# 1. SPECIMEN TREE PROTECTION FENCING

1/4"=1'

## 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 dripline, whichever is greater.

2) TPZ: Tree Protection Zone: The entire soil space located directly under the dripline of any tree (the entire dripline).

3) CRS: Complete Root System: The soil space directly under the dripline of any tree and an additional 7 feet beyond said dripline.

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 1/2 inches in diameter

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

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

(iv) Reduce end weight on heavy, horizontal branches by selectively removeing 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 of 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 ro 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 perission 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 dripline 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
- PRELIMINARY PLANS  
THIS DOCUMENT IS FOR INTERIM REVIEW  
AND IS NOT INTENDED FOR CONSTRUCTION,  
BIDDING, OR PERMIT PURPOSES. LANDSCAPE ARCHITECT  
JAMESON PINSON LANDSCAPE ARCHITECT, P.C.  
DATED 9/12/2019
- 
- Drawn By: --  
Date: 12/26/2018  
Scale:  
Revisions:
- OWNER/DEVELOPER  
TREZ CAPITAL  
5055 KELLER SPRINGS ROAD, STE. 500  
ADDISON, TEXAS 75051  
Ph. 972-644-2400  
Contact: MR. TOM FIELD
- 18257
- T1.1
- SILVERON PARK  
48.115 Acres  
in the  
J. TANNEHILL SURVEY, ABSTRACT NO. 1252  
TOWN OF FLOWER MOUND  
J. KNIGHT SURVEY, ABSTRACT NO. 692  
TARRANT COUNTY, TEXAS
- 
- 
- The John R. McAdams  
Company, Inc.  
(DBA: G&A McAdams)  
111 Hillside Drive  
Lewisville, Texas 75057  
972-436-8770  
201 Oakmont Road  
Roanoke, Texas 76262  
940-240-1012  
TBPE: 19762 TBPLS: 0194440  
www.mcadamsco.com
- SILVERON PARK



## ENVIRONMENTAL CONSERVATION COMMISSION AGENDA ITEM NO. 3

### REGULAR ITEM

---

**DATE:** October 1, 2019  
**FROM:** James Hoefert, Environmental Review Analyst  
**PRESENTER** Lara Hall, with G&A | McAdams  
**ITEM:** **Consider an application for a tree removal permit for one (1) specimen tree on property proposed for development as Trailwood Phase 2. The property is generally located south of Cross Timbers Road and west of U.S. 377.**

---

#### BACKGROUND INFORMATION:

The Trailwood Phase 2 development is generally located south of Cross Timbers Road and west of U.S. 377. The site is approximately 63.868 acres in size. The site is currently zoned for Planned Development District No. 136 (PD-136) with Single-Family District-5 (SF-5) uses and master planned for the Denton Creek District with High Density Residential uses. According to the tree survey for the project, the site contains nine (9) specimen trees. The applicant is requesting to remove one (1) specimen tree. The specimen tree proposed for removal (Tree #3712 – 21 cedar elm) 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 its size, 42" of replacement trees, equaling 14 three-inch caliper trees, will be required for the one (1) specimen tree being requested for removal on this site. In addition, protected trees removed from the buildable area will also require replacement at a tree-for-tree rate.

**CITIZEN FEEDBACK:** As of September 25, 2019, 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 Trailwood Phase 2. The property is generally located south of Cross Timbers Road and west of U.S. 377.



July 2, 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  
Trailwood Phase II  
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: 9

| TREE TAG # | CALIPER (") | COMMON NAME |
|------------|-------------|-------------|
| 394        | 33          | Cedar Elm   |
| 395        | 25          | Cedar Elm   |
| 396        | 25          | Cedar Elm   |
| 397        | 26          | Cedar Elm   |
| 398        | 22          | Cedar Elm   |
| 399        | 22          | Cedar Elm   |
| 400        | 27          | Cedar Elm   |
| 3740       | 19          | Cedar Elm   |

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

| TREE TAG # | CALIPER (") | COMMON NAME |
|------------|-------------|-------------|
| 3712       | 21          | Cedar Elm   |

Page 2

The mitigation requirement for tree #3712 will include and a standard mitigation rate of 2x the caliper inches of the tree removed. (14) 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.

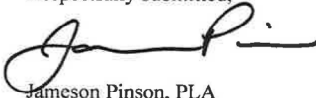
We are requesting the following specimen tree to be removed:

Tree #3712, 21" Cedar Elm

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 'Jameson 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, PLA

Address:

201 Countryview Drive  
Boanoke, TX 76012

Phone:

940.240.1012 ext 522

Applicant's Legal Interest in the Property:

Landscape Architect

**2. Property Owner(s)**

Name(s): Trailwood Investments, LP

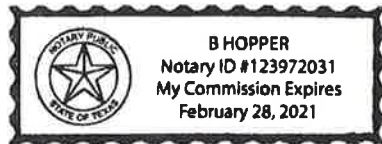
Address: 218 West Wall Street  
Grapevine Tx

**3. Location and Legal Description of Property:**

Trailwood Phase II, directly South of Phase I  
on 1171 and west of the railroad tracks. 13.855  
acres in the B. Wheeler Survey, Abstract No. 1405 MEPd  
P.R. Co Survey, Abstract No 922 Flower Mound, Denton County

**4. Owner's Authorization of Representation**

I, Trailwood Investments LP the owner of the above described real property, do hereby authorize Jamison 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 of Owner Vice President

Given Under My Hand and Seal of Office  
This the 13 Day of September, 2019  
B Hopper  
Notary Public  
In and For Sarrant 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 Jamison 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.

Jamison Pinson  
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.

## 7. REQUIRED SUBMITTALS CHECKLIST

- a. Two (2) copies of this application signed and notarized
- b. Two (2) copies of the site plan, development plan, or concept plan or landscape plan where applicable.
- c. Two (2) copies of the Tree Survey drawn to the largest practicable scale and indicating the items as required by the Town's Tree Ordinance.
- d. (A) photograph(s) or other evidence indicating that (a) sign(s) has/have been placed on the lot or tract as required by Chapter 94 of the Town's code of ordinances. Photograph(s) shall be taken from the street(s).
- e. A photograph of each tree, requiring a tree removal permit, which is proposed for removal.
- f. A written document fully explaining the reasons for removal of the Protected, Specimen or Historic tree.
- g. A \$250 Administrative fee per Specimen or Historic Tree proposed for removal, not to exceed a total of \$1,000 per permit application.
- h. A CD, or equivalent, containing an electronic copy (PDF) of the above required documents. These will be used for record keeping purposes and will be included in the electronic agenda packets for the Environmental Conservation Commission, and the Town Council agenda packets.

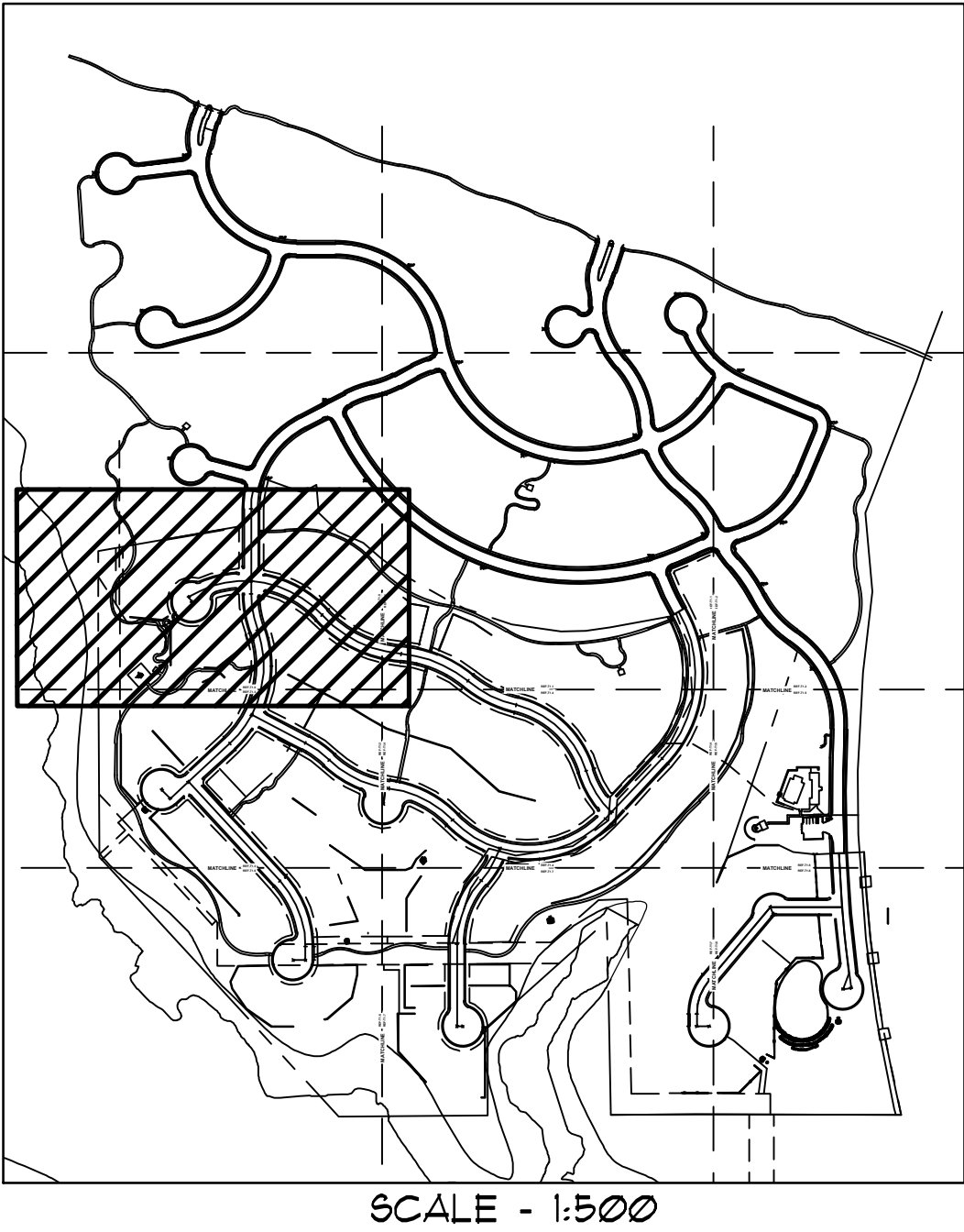
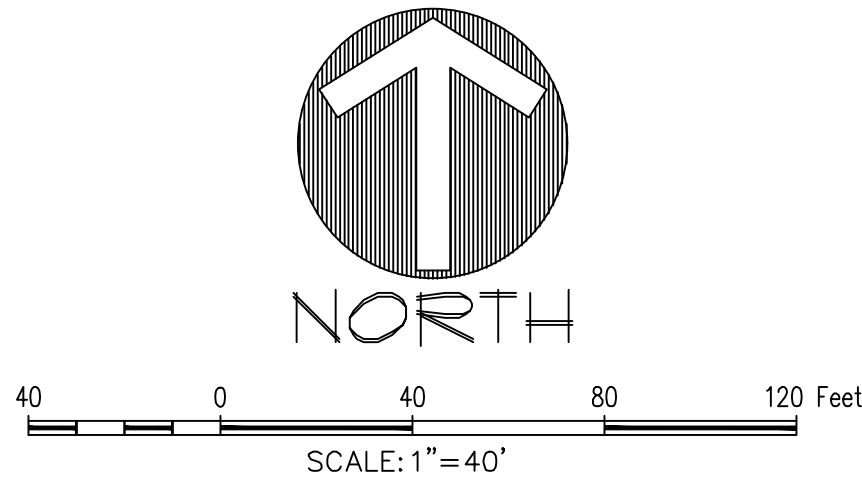
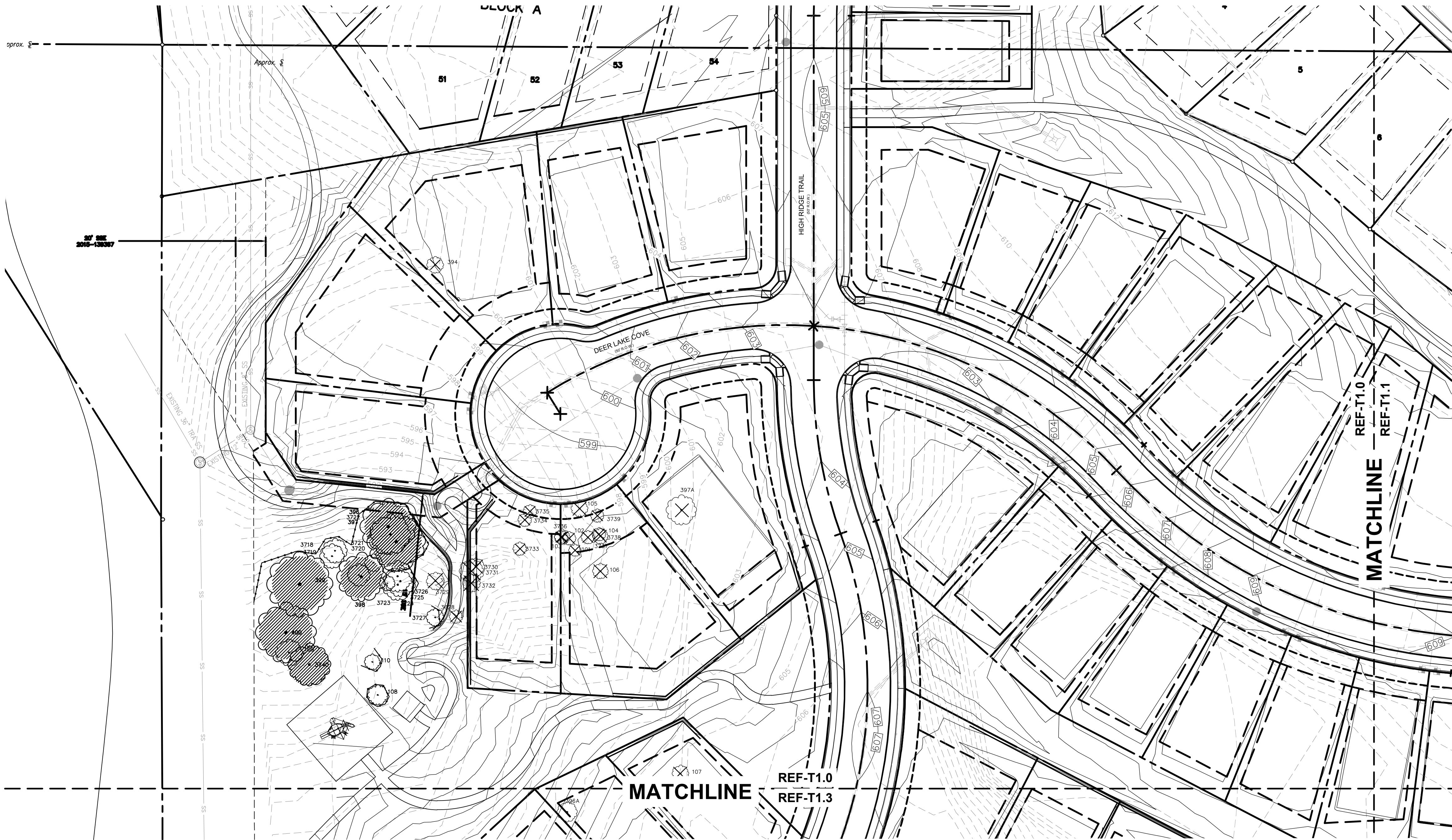
Trailwood Phase 2 -  
Specimen tree proposed for removal



# Tree Removal Request Signage

Along Cross Timbers Rd.





LEGEND

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

**PRELIMINARY PLANS**  
THIS DOCUMENT IS FOR INTERIM REVIEW  
AND IS NOT INTENDED FOR CONSTRUCTION,  
BIDDING, OR PERMIT PURPOSES.  
JAMESON PINSON LANDSCAPE ARCHITECTS, P.C.  
DATED 9/25/2019

REGISTERED LANDSCAPE ARCHITECT # 2816  
JAMESON PINSON  
STATE OF TEXAS  
2826

OWNER/DEVELOPER  
TRAILWOOD INVESTMENTS, LP  
218 WEST WALL STREET  
GRAPEVINE, TX  
Ph. (817) 873-0620  
Contact: ROB BETANCUR

TRAILWOOD PHASE II

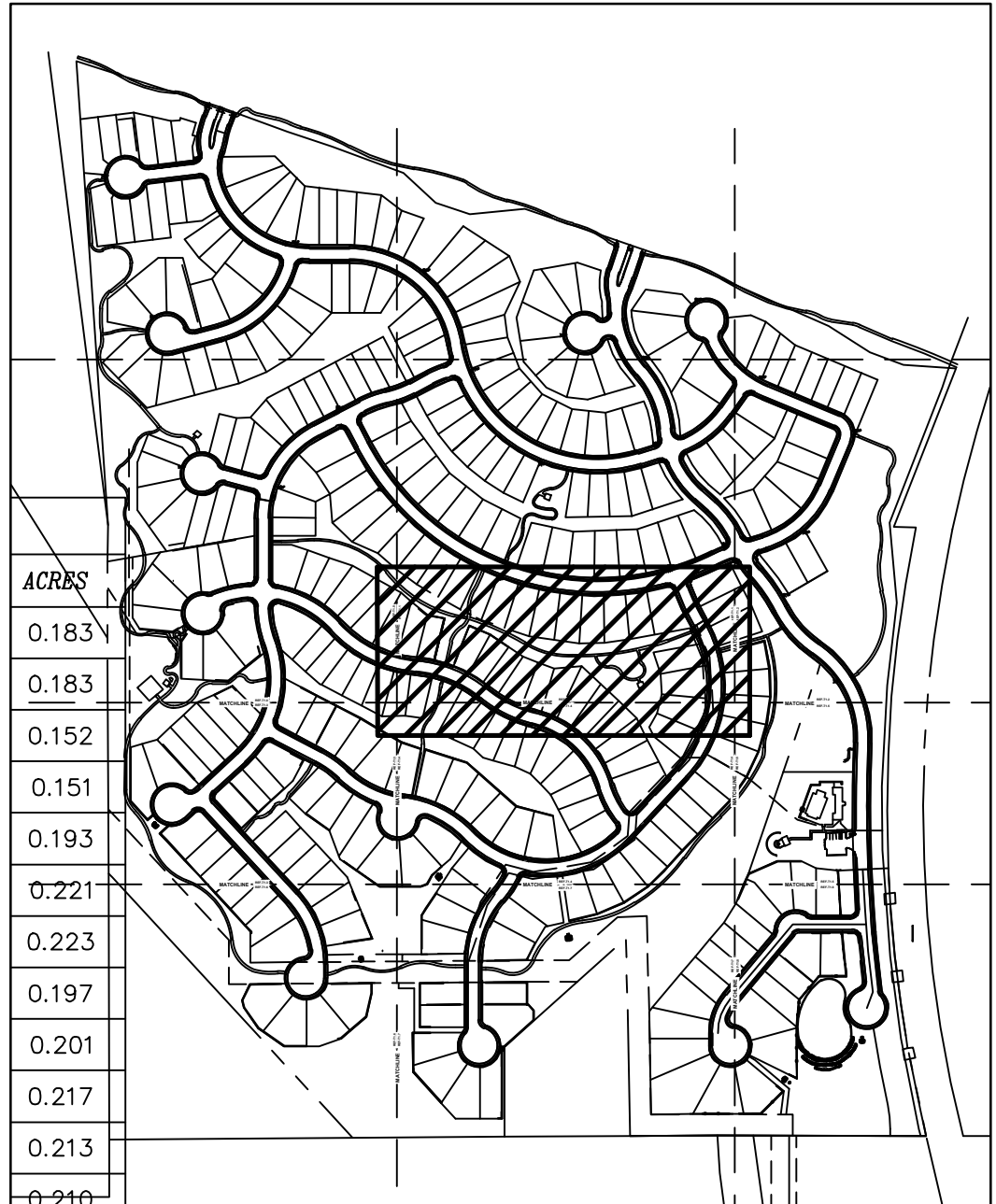
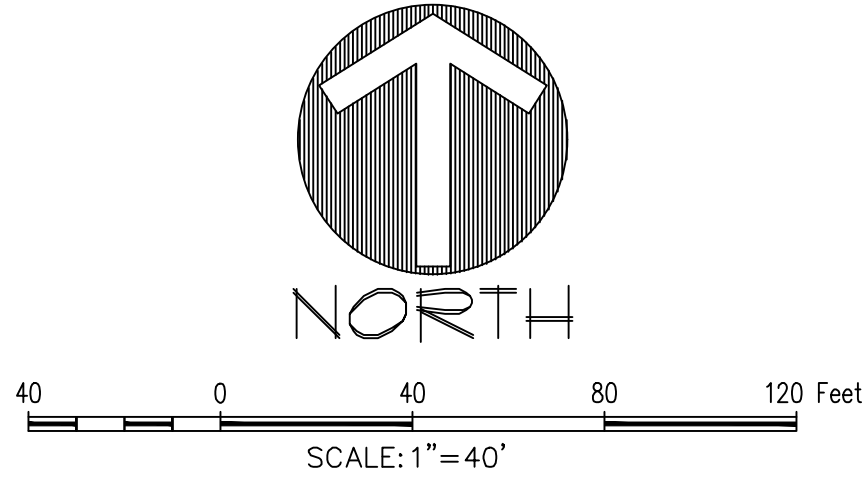
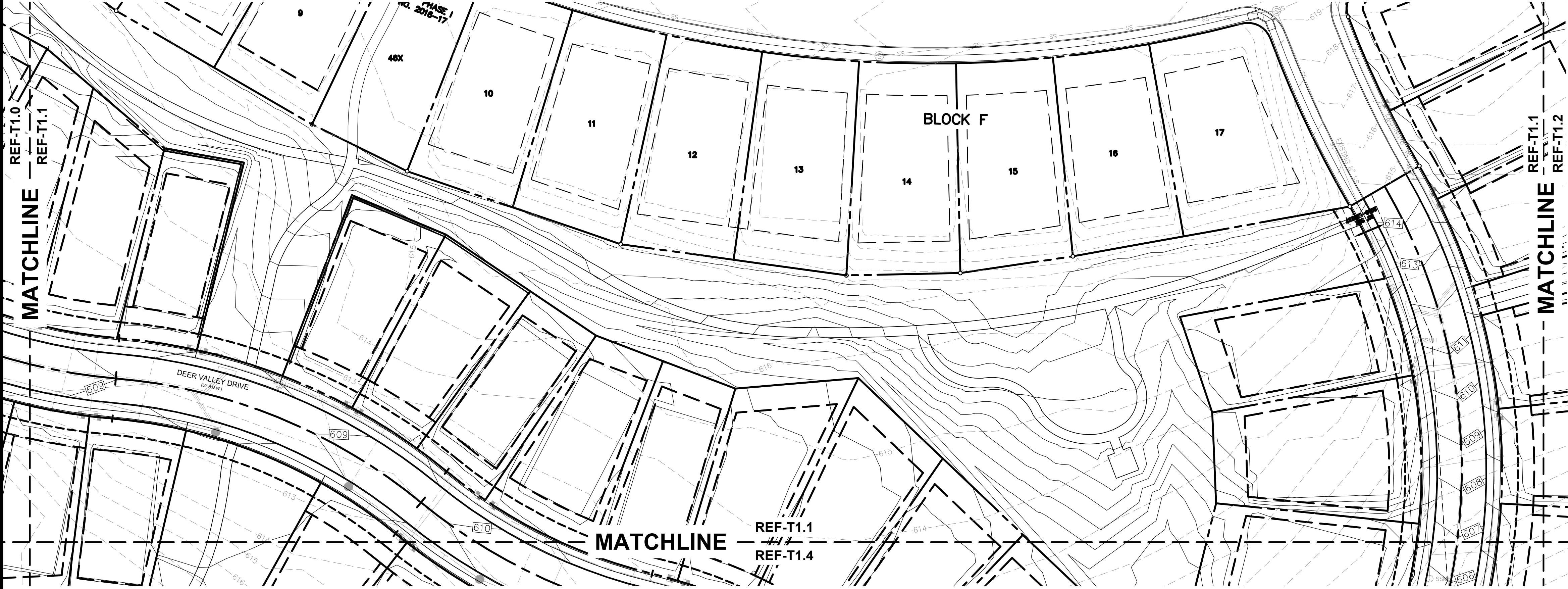
63.888 Acres  
in the  
B. WHEELER SURVEY, ABSTRACT NO. 1605  
MEP. & P. R.R. CO. SURVEY, ABSTRACT NO. 922  
TOWN OF FLOWER MOUND  
DENTON COUNTY, TEXAS

TREE SURVEY

ZEN-19010

T1.0

File: 2:\Projects\ZEN-19010\Drawings\06-17-2019\Tree Survey.dwg  
Plotted: 9/25/2019 8:38 AM, by: JPB, User: JPB  
Source: 9/25/2019 8:25 AM, by: JPB



SCALE - 1:500

### LEGEND

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

**PRELIMINARY PLANS**  
THIS DOCUMENT IS FOR INTERIM REVIEW  
AND IS NOT INTENDED FOR CONSTRUCTION,  
BIDDING, OR PERMIT PURPOSES.  
JAMESON PINSON LANDSCAPE ARCHITECTS, P.C.  
DATED 9/25/2019

The John R. McAdams  
Company, Inc.  
(DBA, G&A McAdams)  
111 Hillside Drive  
Lewisville, Texas 75057  
972.436.9712  
201 County View Drive  
Rancho, Texas 75082  
940.240.1012  
www.gamco.com  
www.mcadamco.com  
TBP# 194440



### TRAILWOOD PHASE II

63.888 Acres

in the

B. WHEELER SURVEY, ABSTRACT NO. 1605  
MEP. & P. RR. CO. SURVEY, ABSTRACT NO. 922  
TOWN OF FLOWER MOUND  
DENTON COUNTY, TEXAS

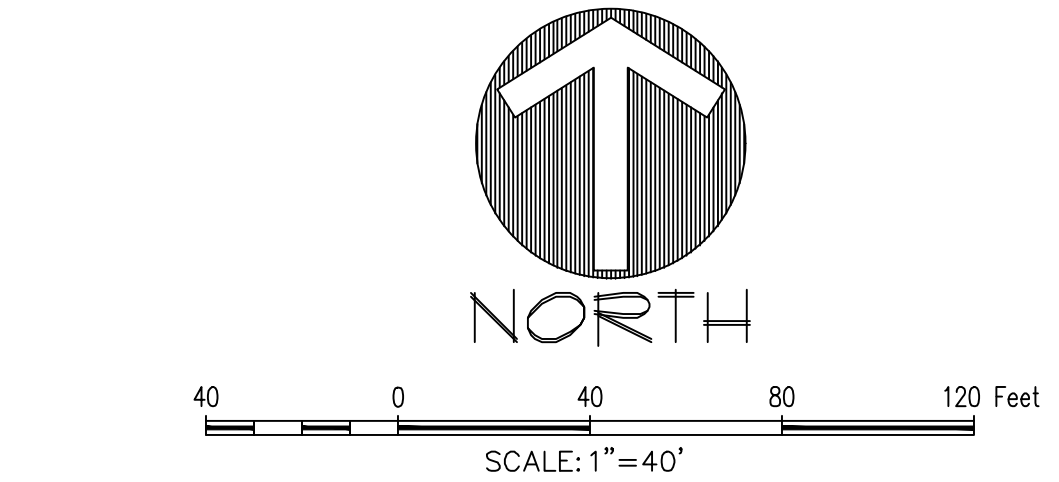
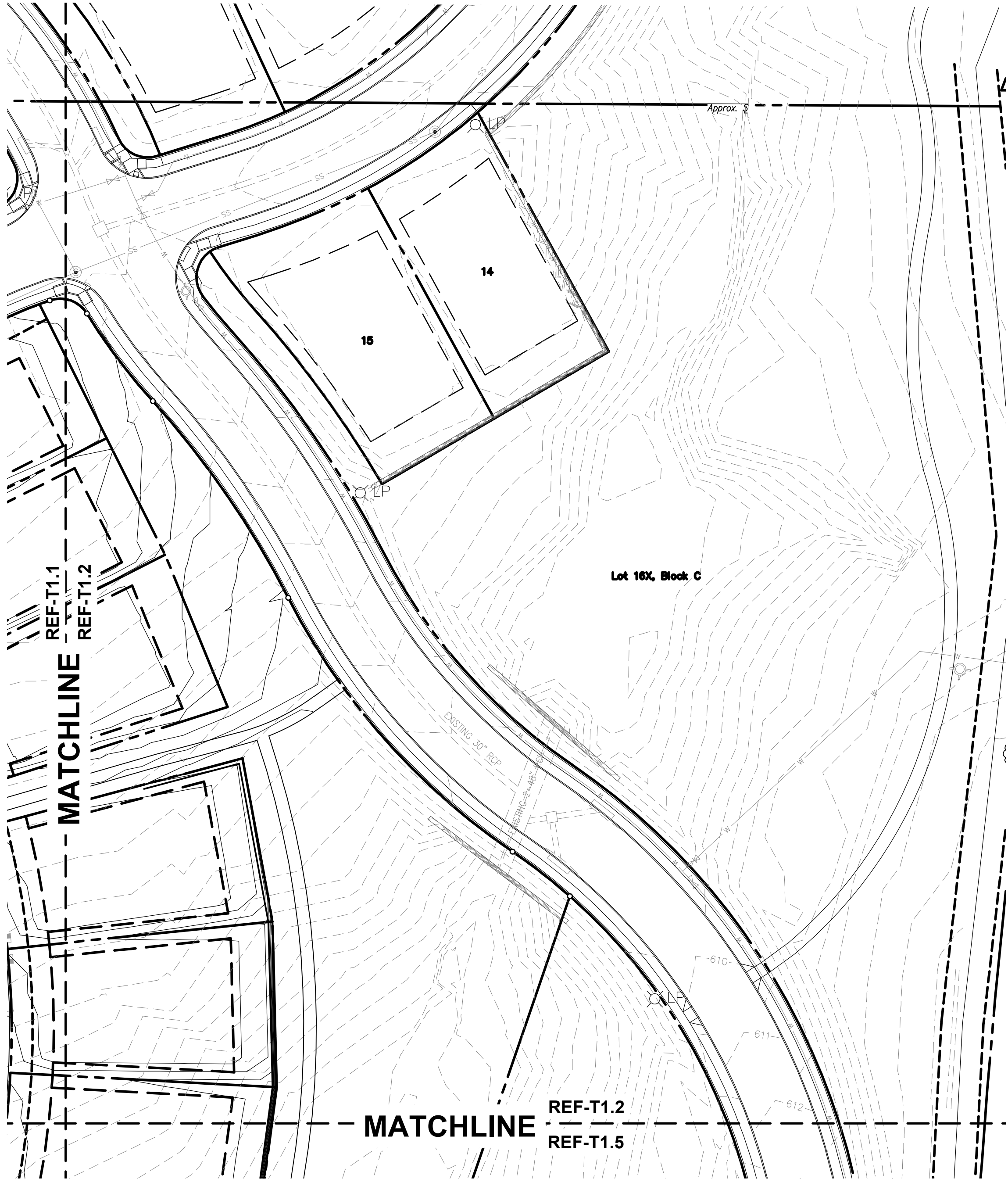
### TREE SURVEY

ZEN-19010

T1.1

OWNER/DEVELOPER  
TRAILWOOD INVESTMENTS, LP  
218 WEST WALL STREET  
GRAPEVINE, TX  
Ph. (817) 873-0620  
Contact: ROB BETANCUR

File: 2:\Projects\ZEN-19010\Drawings\T1.2.dwg  
Plotted: 9/25/2019 8:39 AM, by: JPL, User: JPL  
Source: 9/25/2019 8:25 AM, by: JPL



LEGEND

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

**PRELIMINARY PLANS**  
THIS DOCUMENT IS FOR INTERIM REVIEW  
AND IS NOT INTENDED FOR CONSTRUCTION,  
BIDDING, OR PERMIT PURPOSES.  
JAMESON PINSON LANDSCAPE ARCHITECTS, P.C.  
# 2816  
DATED 9/25/2019

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 75081  
940.240.1012  
www.gamc.com  
www.mcadamsco.com



**TRAILWOOD PHASE II**  
63.888 Acres  
in the  
B. WHEELER SURVEY, ABSTRACT NO. 1605  
MEP. & P. R.R. CO. SURVEY, ABSTRACT NO. 922  
TOWN OF FLOWER MOUND  
DENTON COUNTY, TEXAS

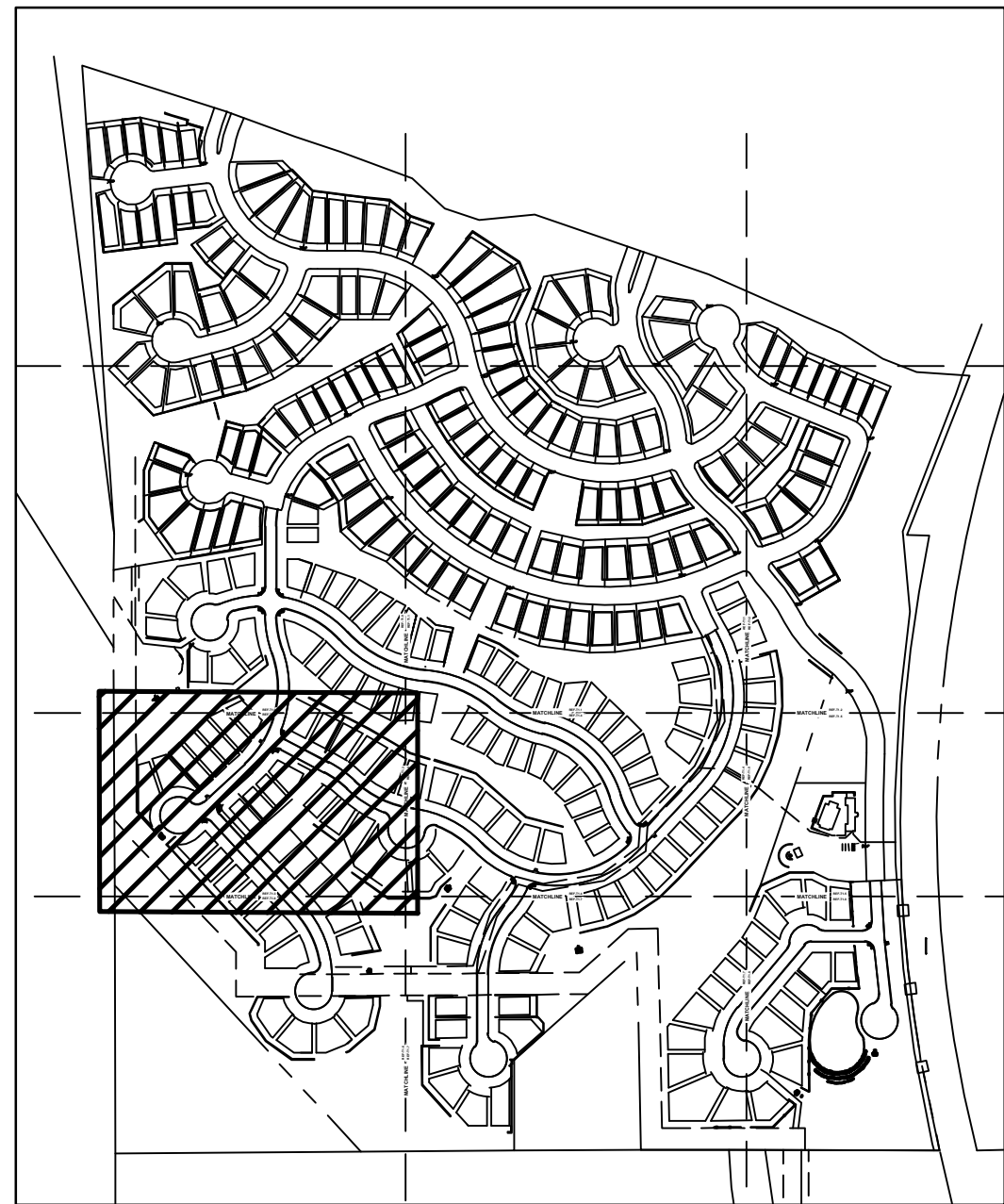
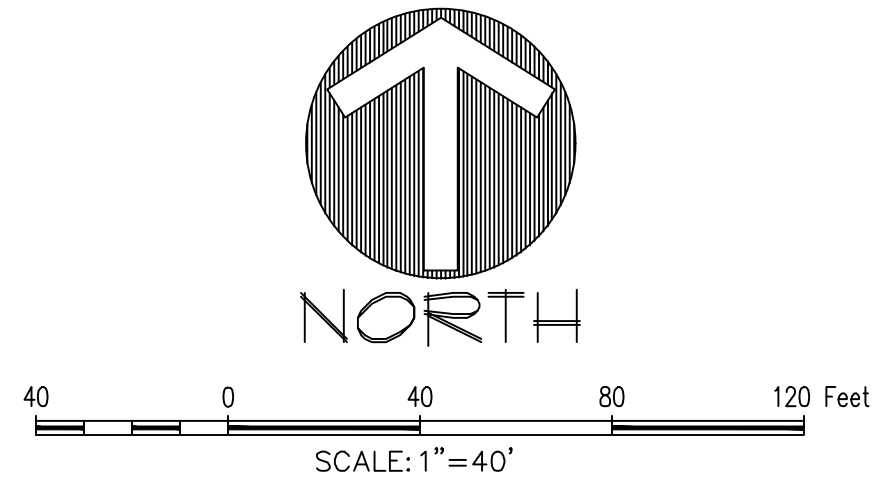
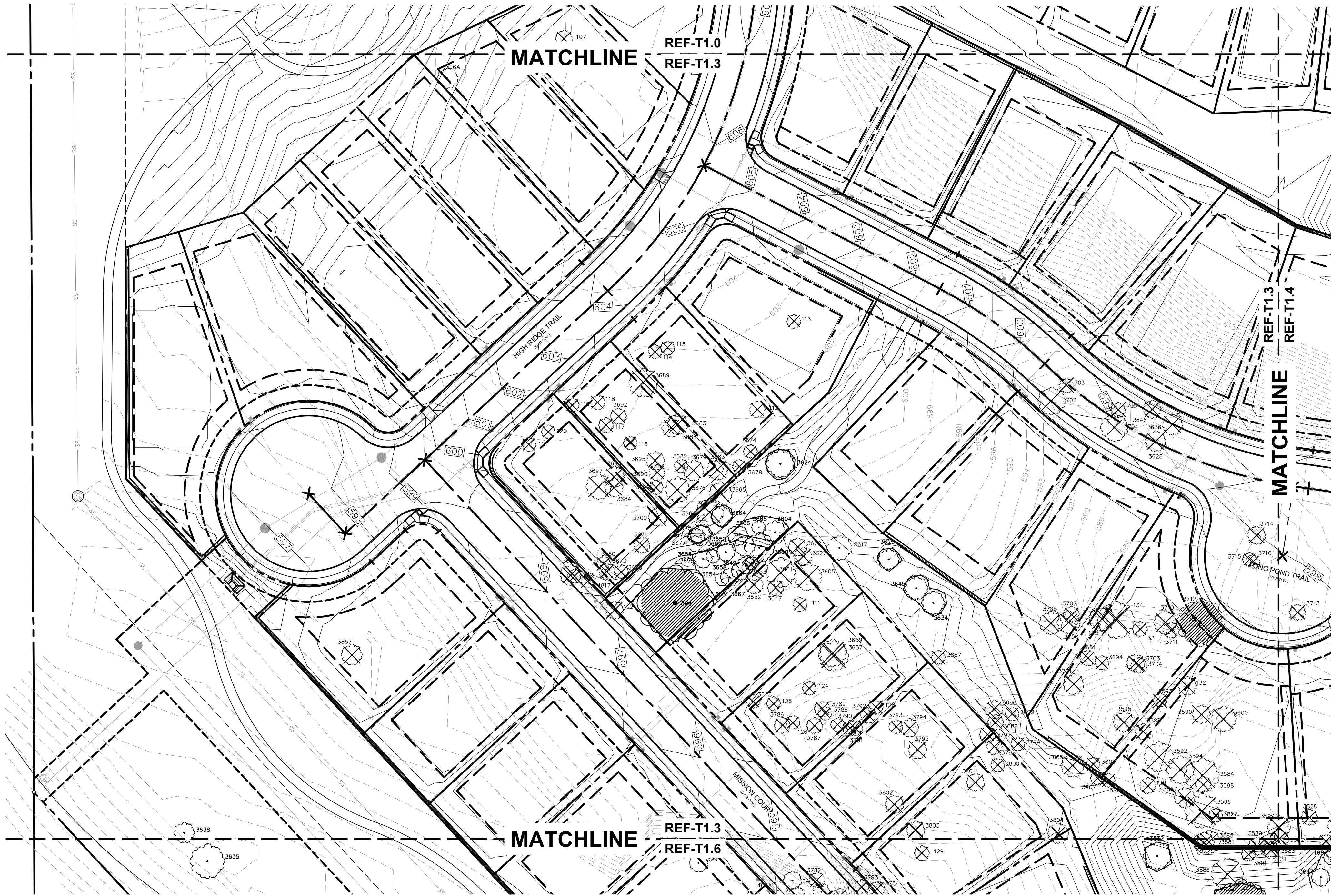
TREE SURVEY

ZEN-19010

T1.2

OWNER/DEVELOPER  
TRAILWOOD INVESTMENTS, LP  
218 WEST WALL STREET  
GRAPEVINE, TX  
Ph. (817) 873-0520  
Contact: ROB BETANCUR

File: 2:\Projects\ZEN-19010\Drawings\GP & Civil Plans\GP-T1.3.dwg  
Plotted: 9/25/2019 8:39 AM, by: HGL, User: hgl  
Source: 9/25/2019 8:25 AM, by: HGL



LEGEND

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

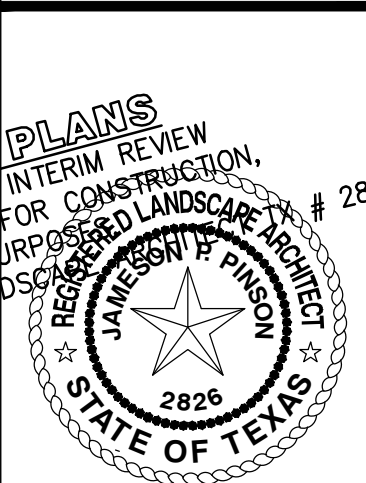
**PRELIMINARY PLANS**  
THIS DOCUMENT IS FOR INTERIM REVIEW  
AND IS NOT INTENDED FOR CONSTRUCTION,  
BIDDING, OR PERMIT PURPOSES.  
JAMESON PINSON LANDSCAPE ARCHITECTS, P.C.  
DATED 9/25/2019

The John R. McAdams  
Company, Inc.  
(DBA, G&A McAdams)  
111 Hillside Drive  
Lewisville, Texas 75057  
972.436.9712  
201 County View Drive  
Roanoke, Texas 75262  
940.240.1012  
www.jrma.com  
www.gamco.com



**TRAILWOOD PHASE II**  
63.888 Acres  
in the  
B. WHEELER SURVEY, ABSTRACT NO. 1605  
MEP. & P. RR. CO. SURVEY, ABSTRACT NO. 922  
TOWN OF FLOWER MOUND  
DENTON COUNTY, TEXAS

TREE SURVEY



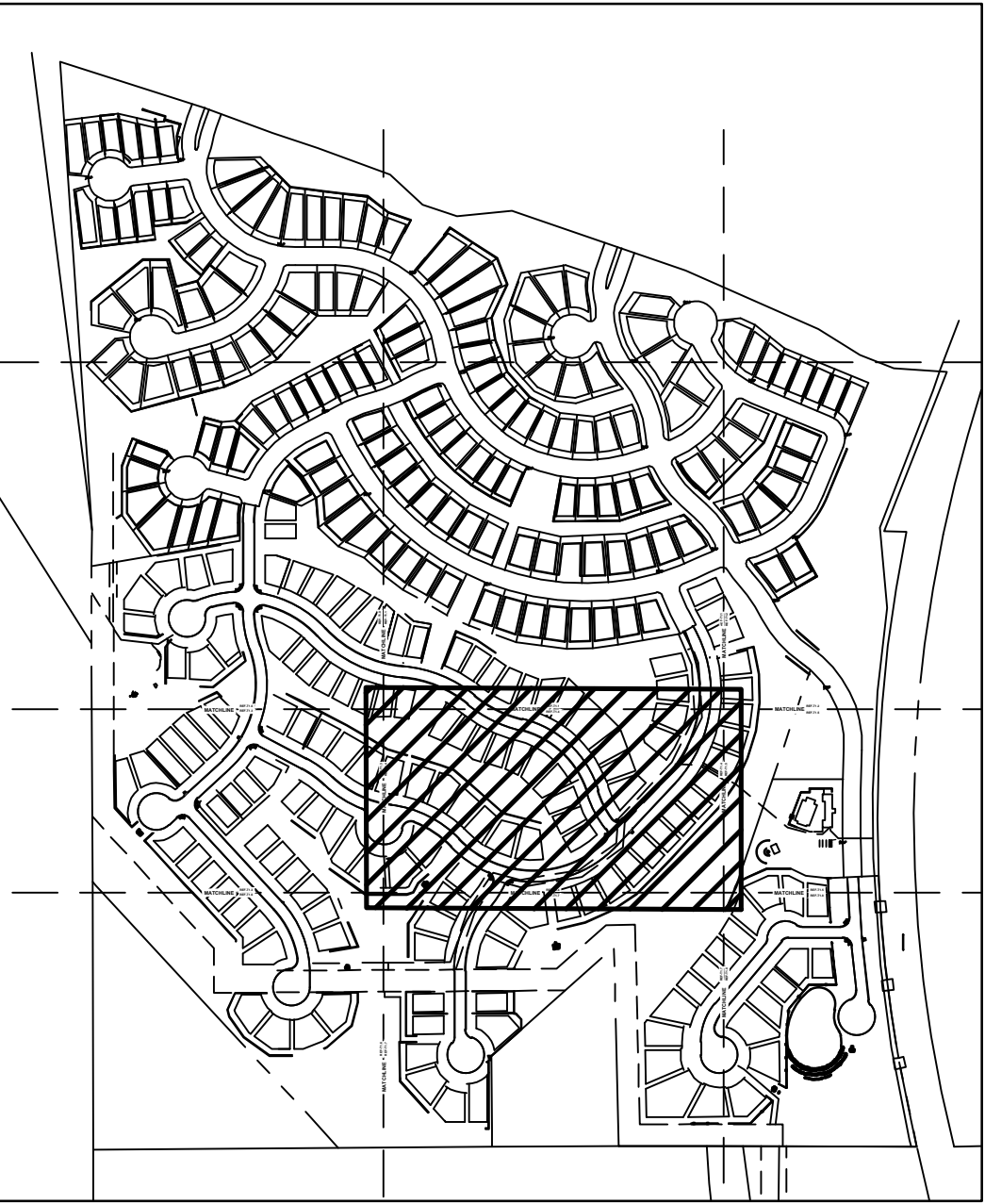
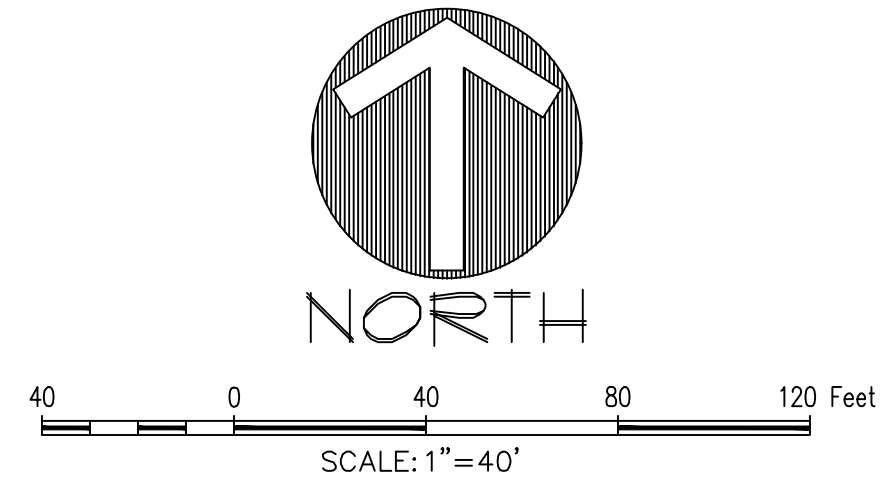
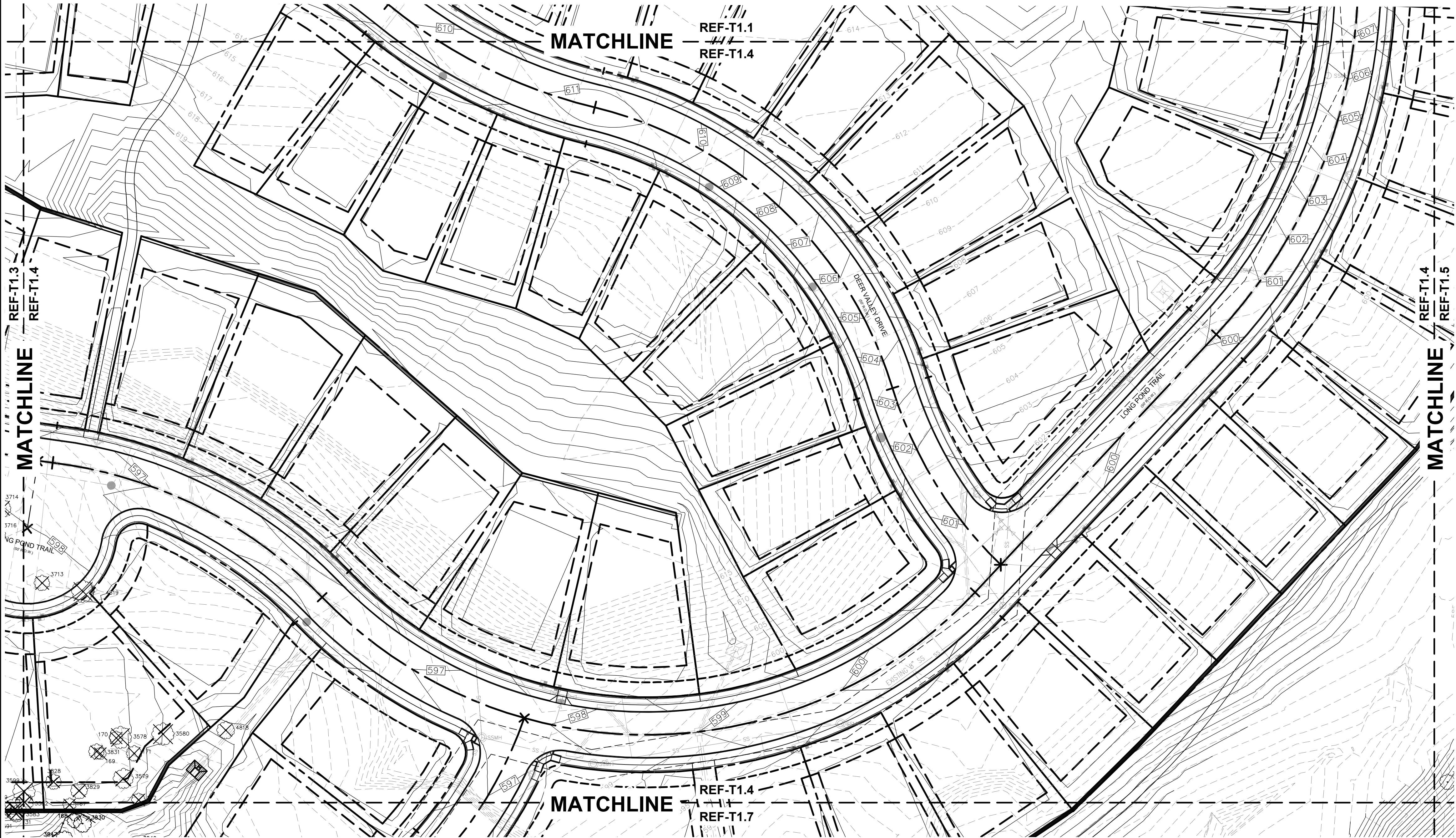
Drawn By: JP  
Date: 06/17/2019  
Scale: 1"=40'  
Revisions:

ZEN-19010

T1.3

OWNER/DEVELOPER  
TRAILWOOD INVESTMENTS, LP  
218 WEST WALL STREET  
GRAPEVINE, TX  
Ph. (817) 873-0620  
Contact: ROB BETANCUR

File: 2:\Projects\ZEN-19010\Drawings\T1.4.dwg  
Plotted: 9/25/2019 8:39 AM, by: JPL, User: JPL  
Source: 9/25/2019 8:25 AM, by: JPL



SCALE - 1:500

LEGEND

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

**PRELIMINARY PLANS**  
THIS DOCUMENT IS FOR INTERIM REVIEW  
AND IS NOT INTENDED FOR CONSTRUCTION,  
BIDDING, OR PERMIT PURPOSES.  
JAMESON PINSON LANDSCAPE ARCHITECTS, P.C.  
DATED 9/25/2019

REGISTERED LANDSCAPE ARCHITECT # 2816  
JAMESON PINSON  
STATE OF TEXAS  
2826

OWNER/DEVELOPER  
TRAILWOOD INVESTMENTS, LP  
218 WEST WALL STREET  
GRAPEVINE, TX  
Ph. (817) 873-0620  
Contact: ROB BETANCUR

ZEN-19010

T1.4

TRAILWOOD PHASE II

63.888 Acres  
in the  
B. WHEELER SURVEY, ABSTRACT NO. 1605  
MEP. & P. R.R. CO. SURVEY, ABSTRACT NO. 922  
TOWN OF FLOWER MOUND  
DENTON COUNTY, TEXAS

TREE SURVEY

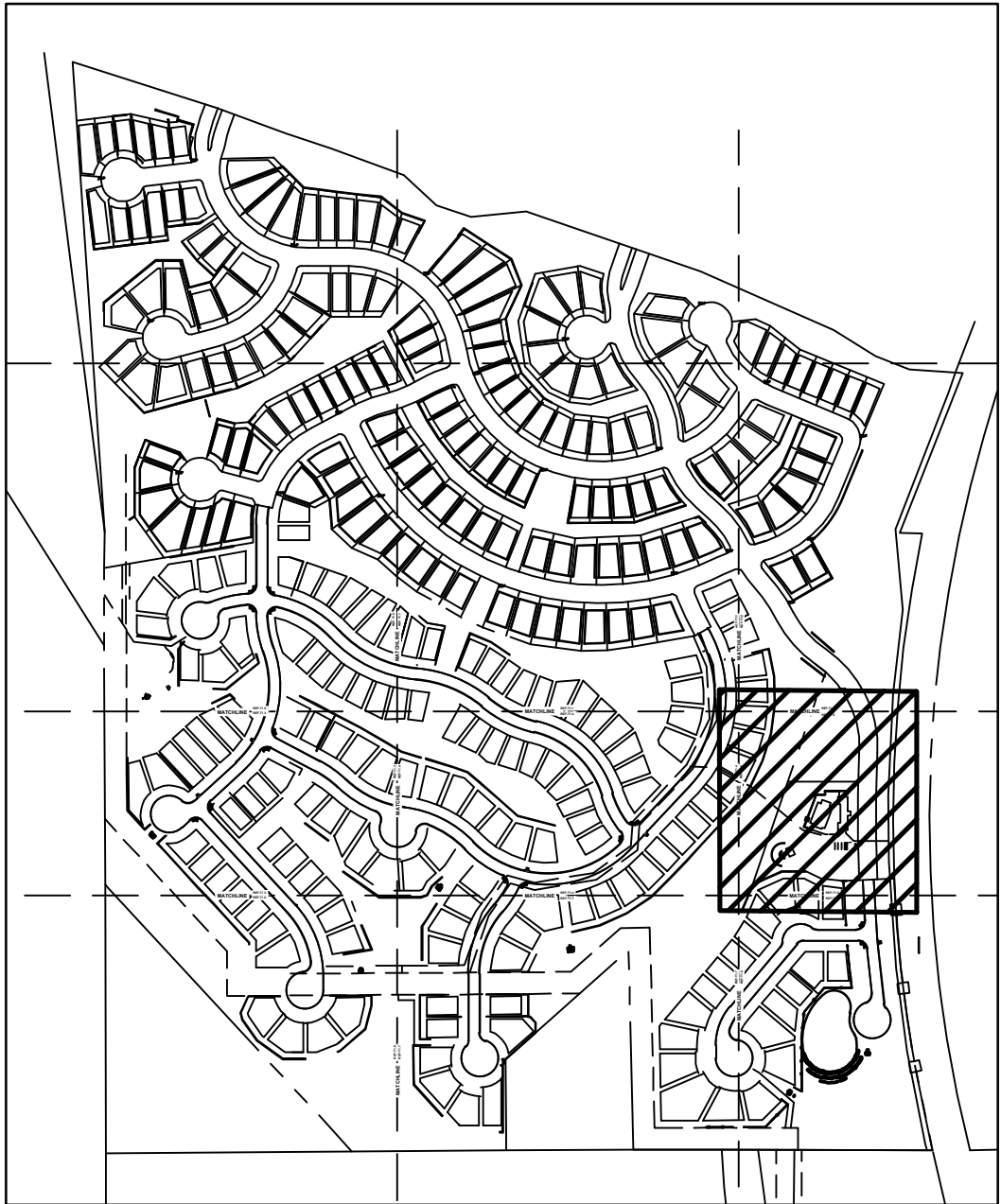
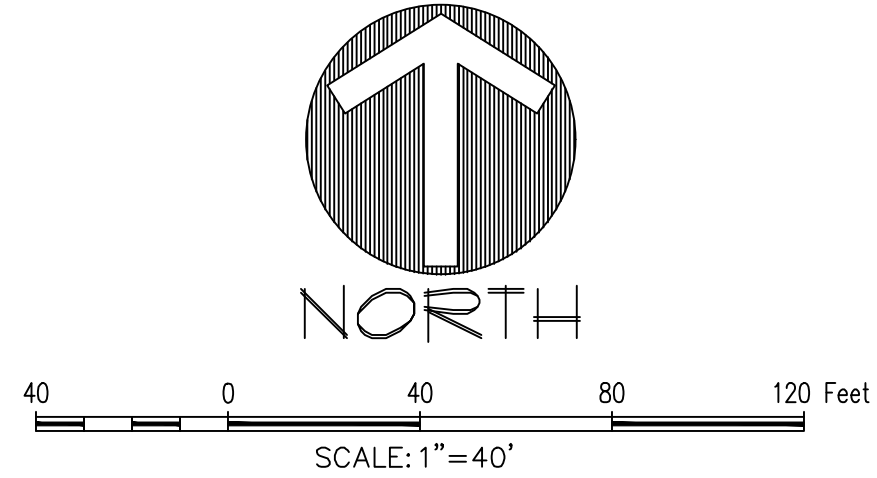
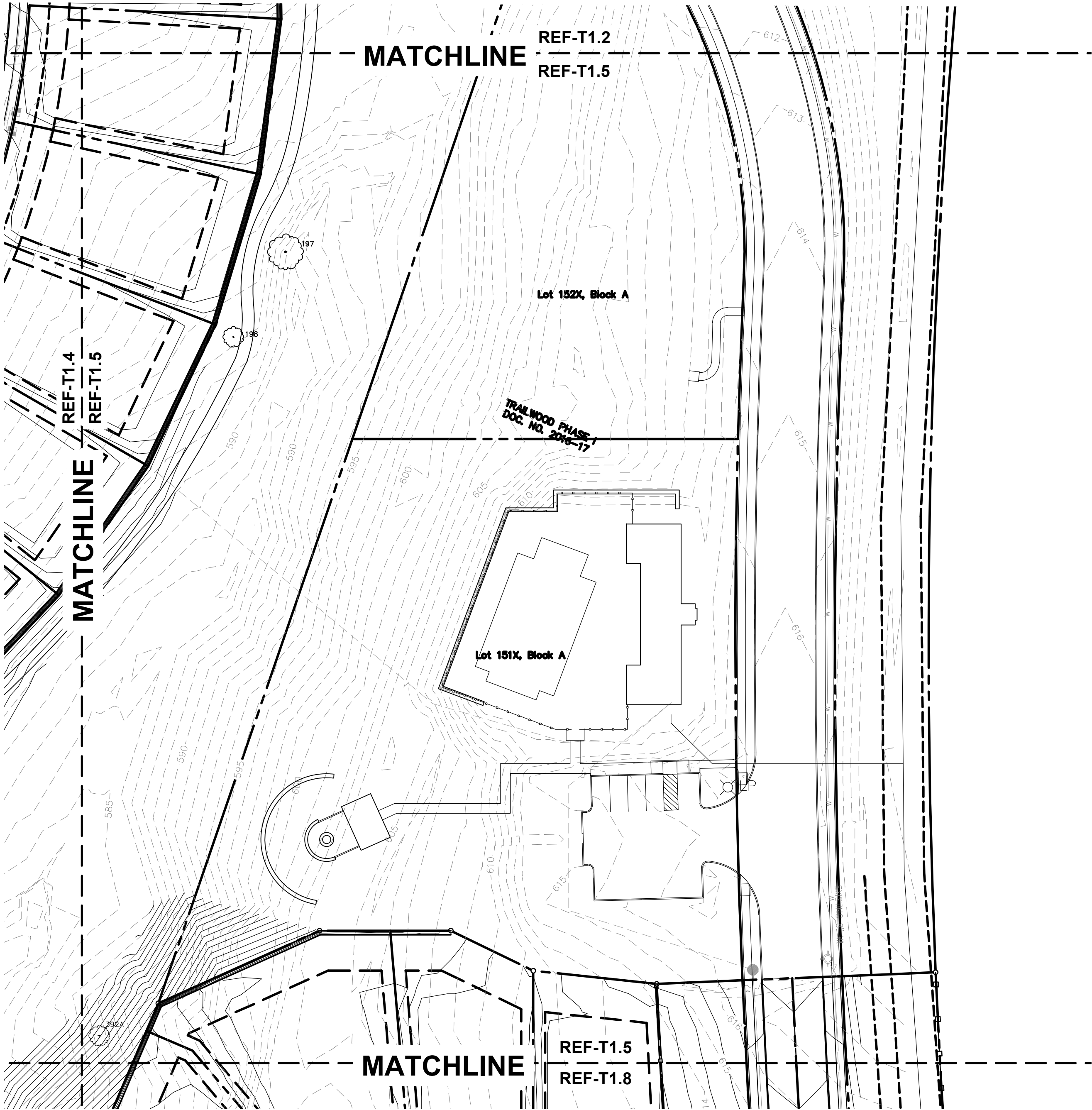
The John R. McAdams  
Company, Inc.  
(DBA, G&A McAdams)  
111 Hillside Drive  
Lewisville, Texas 75057  
972.436.9712  
201 County View Drive  
Roanoke, Texas 75262  
940.240.1012  
www.jrma.com  
www.gamco.com

**MCADAMS**

**G&A**

TRAILWOOD PHASE II

File: 2:\Projects\ZEN-19010\Drawings\GP & G&A Plans\GP-T1.5.dwg  
Plotted: 9/25/2019 8:39 AM, by: JPL, User: JPL  
Source: 9/25/2019 8:25 AM, by: JPL



#### LEGEND

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

**PRELIMINARY PLANS**  
THIS DOCUMENT IS FOR INTERIM REVIEW  
AND IS NOT INTENDED FOR CONSTRUCTION,  
BIDDING, OR PERMIT PURPOSES.  
JAMESON PINSON LANDSCAPE ARCHITECTS, P.C.  
DATED 9/25/2019  
REGISTERED LANDSCAPE ARCHITECT # 2816  
JAMESON PINSON  
2826  
STATE OF TEXAS

OWNER/DEVELOPER  
TRAILWOOD INVESTMENTS, LP  
218 WEST WALL STREET  
GRAPEVINE, TX  
Ph. (817) 873-0620  
Contact: ROB BETANCUR

The John R. McAdams  
Company, Inc.  
(DBA: G&A McAdams)  
111 Hillside Drive  
Lewisville, Texas 75057  
201 Country View Drive  
Round Rock, Texas 78662  
Ph. (512) 240-1012  
Fax: (512) 240-1944  
www.gamco.com  
www.mcadamsco.com



**TRAILWOOD PHASE II**  
63.888 Acres  
in the  
B. WHEELER SURVEY, ABSTRACT NO. 1605  
MEP. & P. RR. CO. SURVEY, ABSTRACT NO. 922  
TOWN OF FLOWER MOUND  
DENTON COUNTY, TEXAS

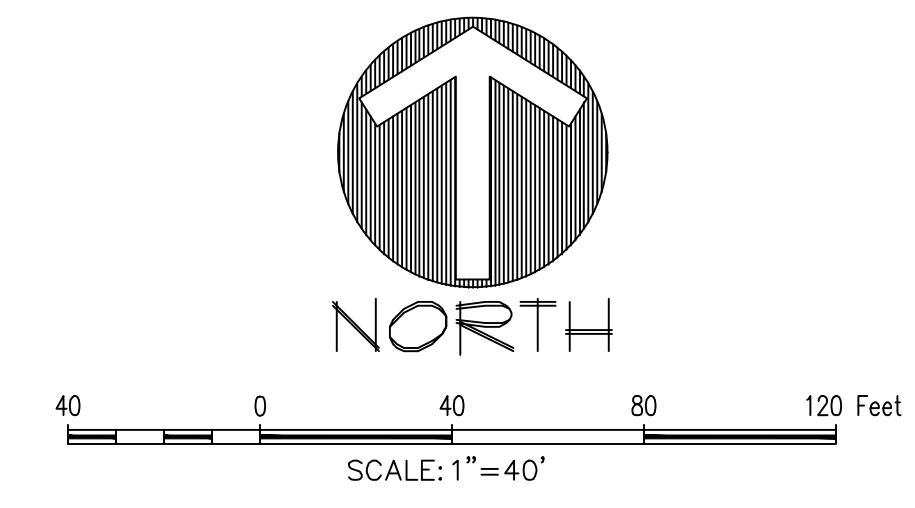
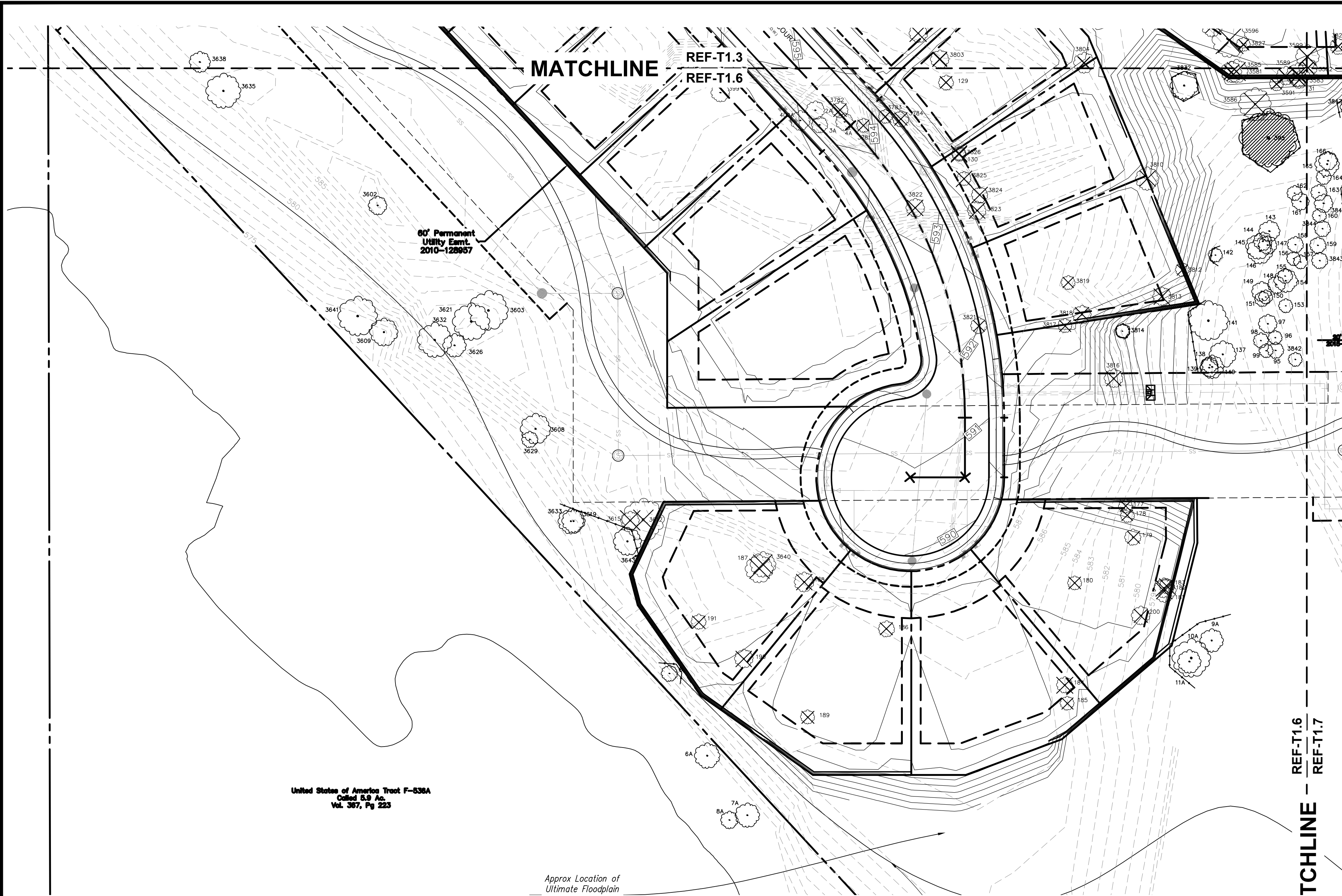
#### TREE SURVEY

ZEN-19010

T1.5

TRAILWOOD PHASE II

File: 2:\Projects\ZEN-19010\Drawings\GP & G&A Plans\GP&G&A\ZEN-19010.TB  
Plotted: 9/25/2019 8:46 AM, by: JPL, User: JPL Date: 9/25/2019 8:25 AM, by: JPL



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

**PRELIMINARY PLANS**  
THIS DOCUMENT IS FOR INTERIM REVIEW  
AND IS NOT INTENDED FOR CONSTRUCTION,  
BIDDING, OR PERMIT PURPOSES.  
JAMESON PINSON LANDSCAPE ARCHITECTS, P.C.  
DATED 9/25/2019  
REGISTERED LANDSCAPE ARCHITECT # 2816  
STATE OF TEXAS  
2826

OWNER/DEVELOPER  
TRAILWOOD INVESTMENTS, LP  
218 WEST WALL STREET  
GRAPEVINE, TX  
Ph. (817) 873-0620  
Contact: ROB BETANCUR

The John R. McAdams Company, Inc.  
(DBA, G&A McAdams)  
111 Hillside Drive  
Lewisville, Texas 75057  
972.436.9712  
201 County View Drive  
Roanoke, Texas 75262  
940.240.1012  
www.jrma.com  
www.gamco.com

**MCADAMS**

**G&A**

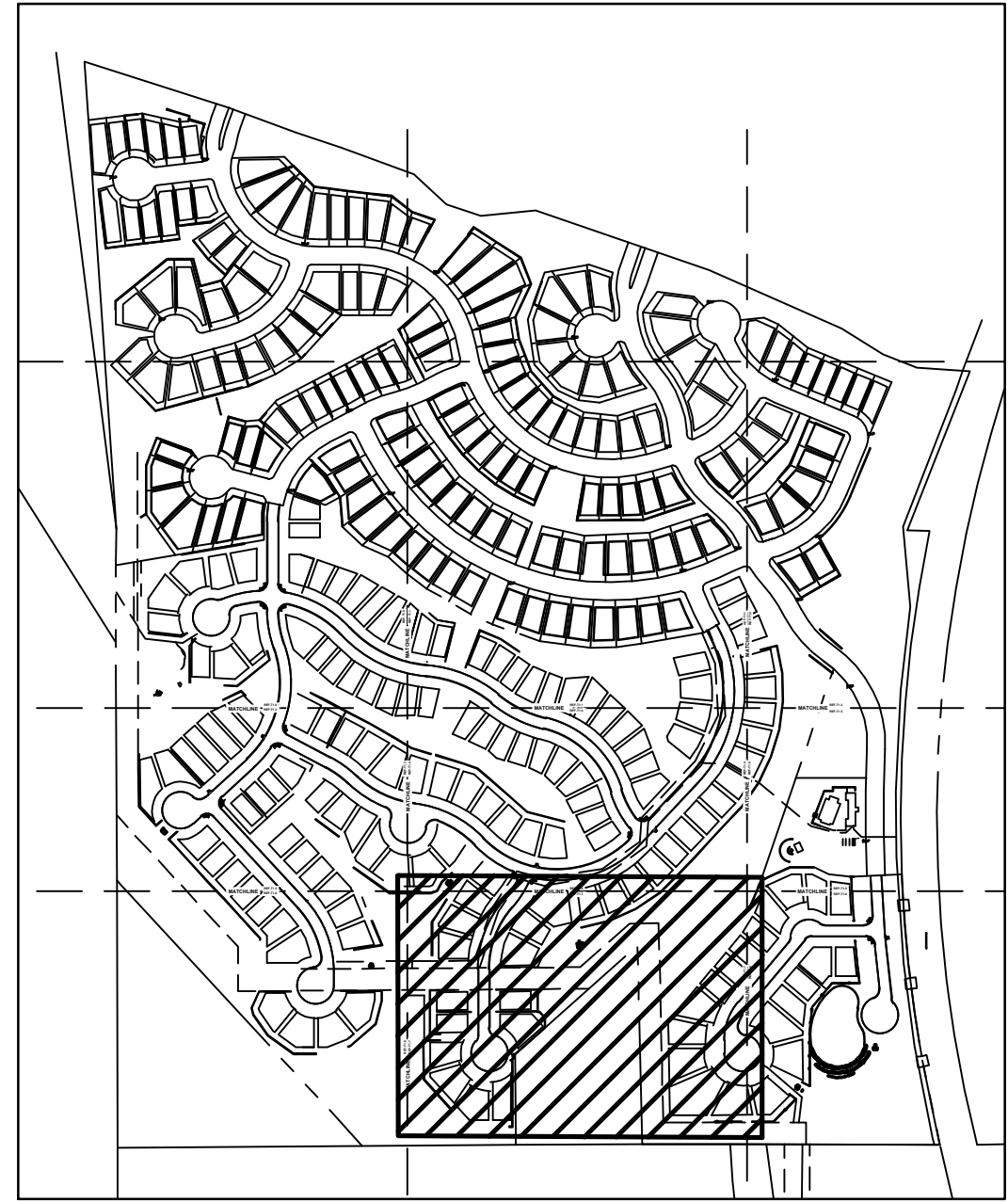
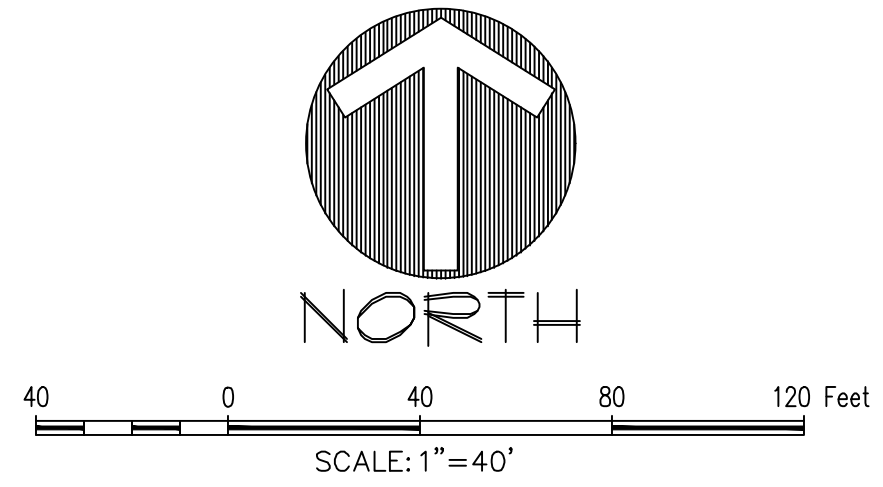
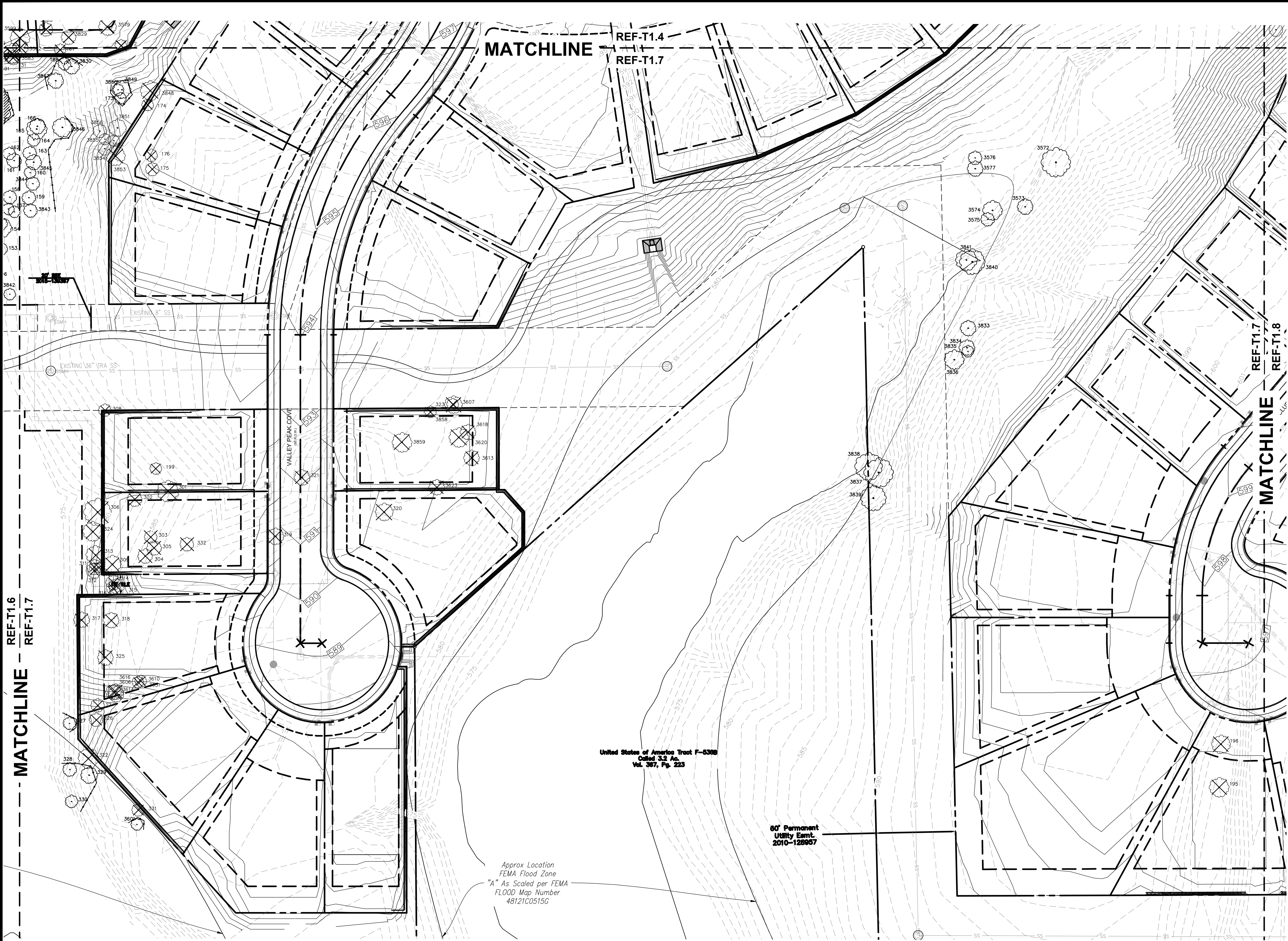
**TRAILWOOD PHASE II**  
63.888 Acres  
in the  
B. WHEELER SURVEY, ABSTRACT NO. 1605  
MEP. & P. RR. CO. SURVEY, ABSTRACT NO. 922  
TOWN OF FLOWER MOUND  
DENTON COUNTY, TEXAS

**TREE SURVEY**

**ZEN-19010**

T1.6

File: 2:\Projects\ZEN-19010\Drawings\06-17-2019\ZEN-19010-TS  
Plotted: 9/25/2019 8:46 AM, by: JPB, User: JPB Date: 9/25/2019 8:25 AM, by: JPB

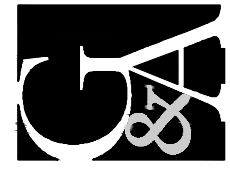


#### LEGEND

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

**PRELIMINARY PLANS**  
THIS DOCUMENT IS FOR INTERIM REVIEW  
AND IS NOT INTENDED FOR CONSTRUCTION,  
BIDDING, OR PERMIT PURPOSES.  
JAMESON PINSON LANDSCAPE ARCHITECTS, P.C.  
DATED 9/25/2019

The John R. McAdams  
Company, Inc.  
(DBA, G&A McAdams)  
111 Hillside Drive  
Lewisville, Texas 75057  
972.436.9712  
201 County View Drive  
Roanoke, Texas 75262  
940.240.1012  
TBP: www.jrma.com  
www.gamco.com



#### TRAILWOOD PHASE II

63.888 Acres

in the  
B. WHEELER SURVEY, ABSTRACT NO. 1605  
MEP. & P. RR. CO. SURVEY, ABSTRACT NO. 922  
TOWN OF FLOWER MOUND  
DENTON COUNTY, TEXAS

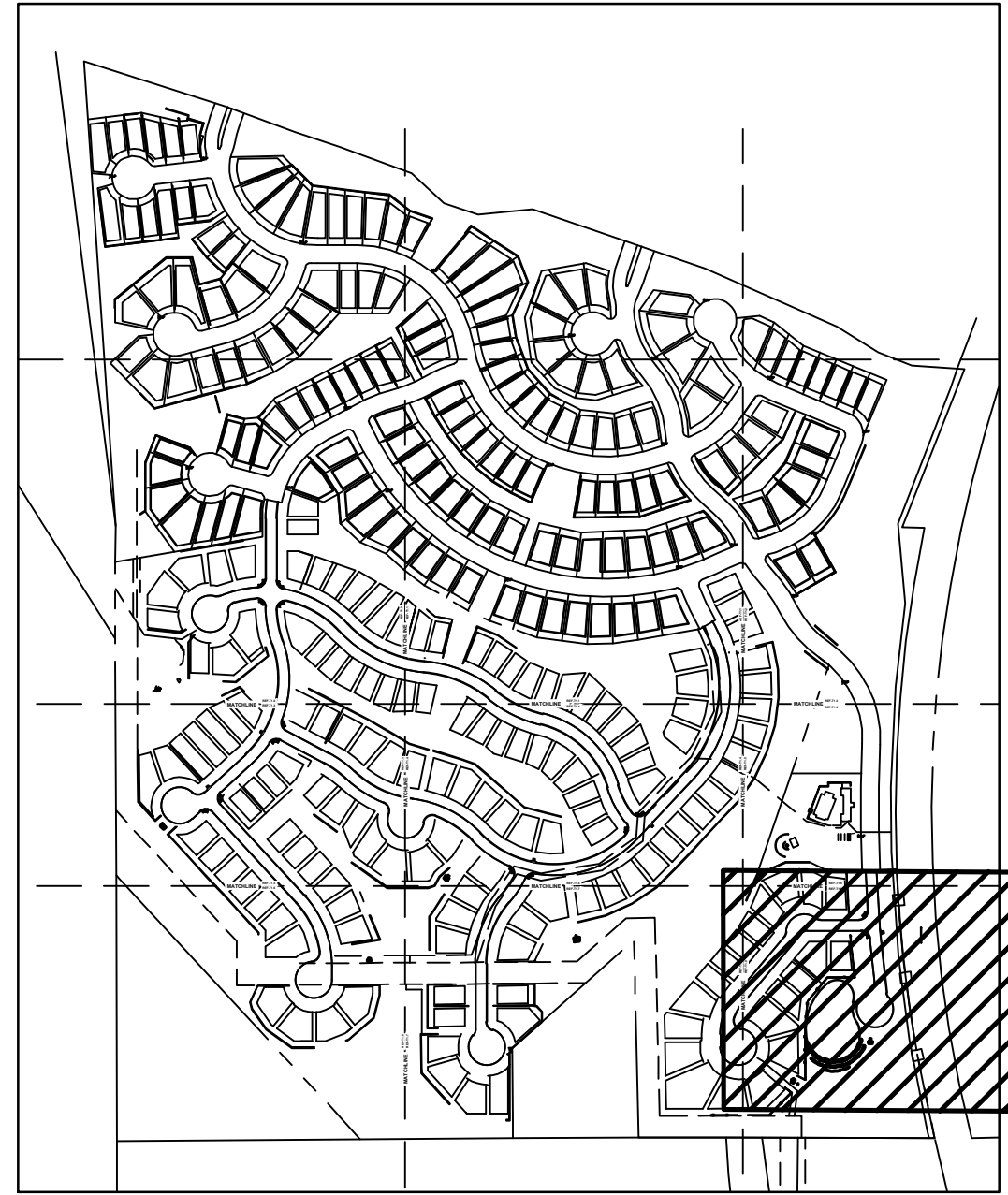
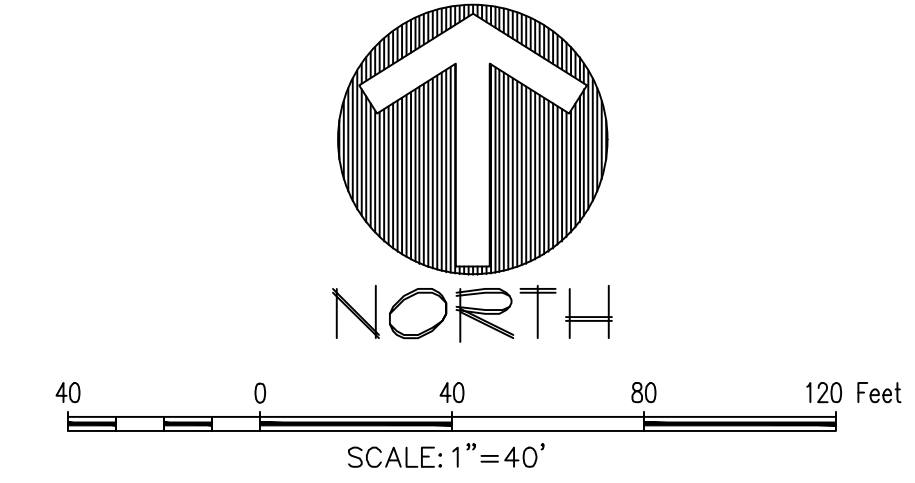
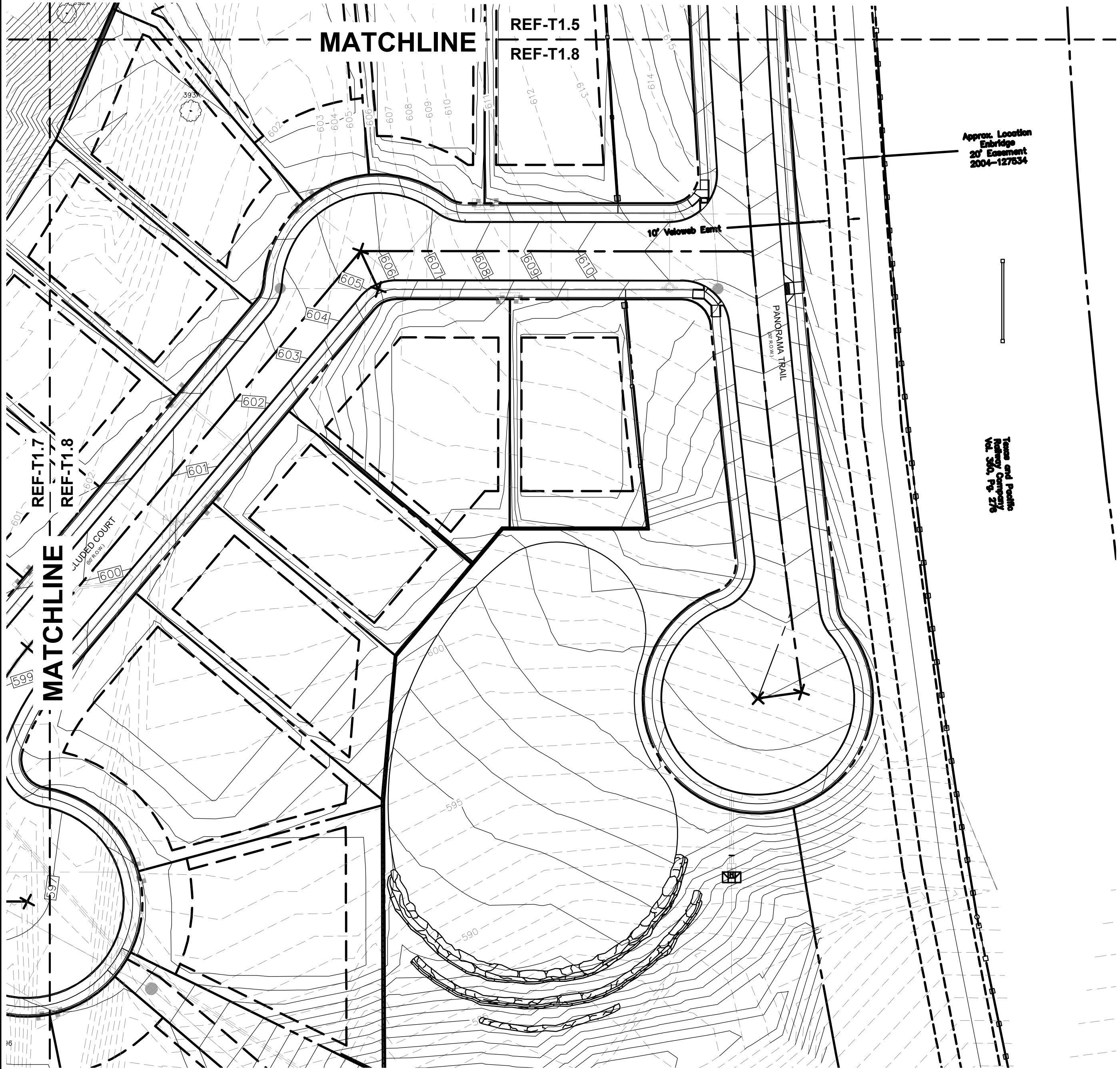
#### TREE SURVEY

ZEN-19010

T1.7

OWNER/DEVELOPER  
TRAILWOOD INVESTMENTS, LP  
218 WEST WALL STREET  
GRAPEVINE, TX  
Ph. (817) 873-0620  
Contact: ROB BETANCUR

File: 2:\Projects\ZEN-19010\Drawings\06 - Civil Plans\06T13.TXD, 0600, T3  
Plotted: 9/25/2019 8:46 AM, by: JPL, User: JPL Date: 9/25/2019 8:25 AM, by: JPL



SCALE - 1:500

### LEGEND

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

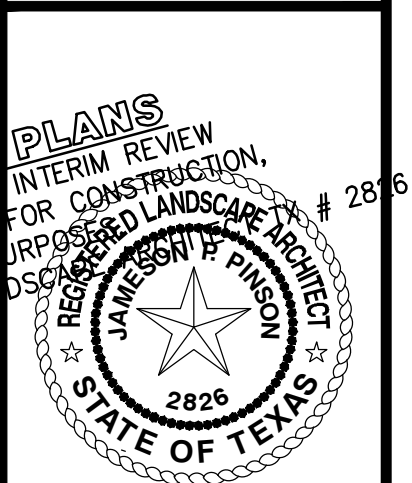
**PRELIMINARY PLANS**  
THIS DOCUMENT IS FOR INTERIM REVIEW  
AND IS NOT INTENDED FOR CONSTRUCTION,  
BIDDING, OR PERMIT PURPOSES.  
JAMESON PINSON LANDSCAPE ARCHITECTS, P.C.  
DATED 9/25/2019

The John R. McAdams  
Company, Inc.  
(DBA, G&A McAdams)  
111 Hillside Drive  
Lewisville, Texas 75057  
972.436.9712  
201 County View Drive  
Roanoke, Texas 75262  
940.240.1012  
www.gamc.com  
www.mcadamsco.com



**TRAILWOOD PHASE II**  
63.888 Acres  
in the  
B. WHEELER SURVEY, ABSTRACT NO. 1605  
MEP. & P. R.R. CO. SURVEY, ABSTRACT NO. 922  
TOWN OF FLOWER MOUND  
DENTON COUNTY, TEXAS

### TREE SURVEY



Drawn By: JPL  
Date: 06/17/2019  
Scale: 1"=40'  
Revisions:

**ZEN-19010**

T1.8

OWNER/DEVELOPER  
TRAILWOOD INVESTMENTS, LP  
218 WEST WALL STREET  
GRAPEVINE, TX  
Ph. (817) 873-0620  
Contact: ROB BETANCUR

TRAILWOOD PHASE II

| LIST # | TREE # | CAL. INCH | COMMON NAME  | SCIENTIFIC NAME   | PROTECTED | SPECIMEN | REMOVED | REMARKS    | CREDITS |
|--------|--------|-----------|--------------|-------------------|-----------|----------|---------|------------|---------|
| 1      | 95     | 7         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 2      | 96     | 6         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 3      | 97     | 8         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 4      | 98     | 6.5       | TEXAS ASH    | Fraxinus texensis | YES       | NO       | NO      |            | 1       |
| 5      | 99     | 6         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 6      | 101    | 7         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 7      | 102    | 6         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 8      | 103    | 9         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 9      | 104    | 7         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 10     | 105    | 7.5       | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 11     | 106    | 10        | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 12     | 107    | 7.5       | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 13     | 108    | 9         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 14     | 109    | 12        | CHITTAMWOOD  | Gum bumelia       | YES       | NO       | NO      |            | 1       |
| 15     | 110    | 7         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 16     | 111    | 6         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 17     | 112    | 7         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 18     | 113    | 6         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 19     | 114    | 6         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 20     | 115    | 9         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 21     | 116    | 9.5       | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 22     | 117    | 6.5       | AMERICAN ELM | Ulmus americana   | YES       | NO       | YES     |            | -1      |
| 23     | 118    | 6.5       | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 24     | 119    | 6         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 25     | 120    | 6         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 26     | 121    | 6         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 27     | 122    | 8         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 28     | 123    | 6         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 29     | 124    | 6         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 30     | 125    | 6         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 31     | 126    | 6         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 32     | 127    | 6         | TEXAS ASH    | Fraxinus texensis | YES       | NO       | YES     |            | -1      |
| 33     | 128    | 8.5       | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 34     | 129    | 6.5       | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 35     | 130    | 6         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 36     | 131    | 7.5       | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 37     | 132    | 8         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 38     | 133    | 6.5       | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 39     | 134    | 16        | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 40     | 135    | 11        | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 41     | 136    | 7         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 42     | 137    | 11.5      | PECAN        | Carya illinoensis | YES       | NO       | NO      |            | 1       |
| 43     | 138    | 7         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 44     | 139    | 8         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 45     | 140    | 10        | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 46     | 141    | 17        | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 47     | 142    | 6         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 48     | 143    | 9         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 49     | 144    | 8         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 50     | 145    | 11        | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 51     | 146    | 11        | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 52     | 147    | 22        | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      | Multitrunk | 4       |
| 53     | 148    | 7.5       | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 54     | 149    | 8.5       | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 55     | 150    | 6         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 56     | 151    | 6.5       | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 57     | 153    | 6         | TEXAS ASH    | Fraxinus texensis | YES       | NO       | NO      |            | 1       |

| LIST # | TREE # | CAL. INCH | COMMON NAME   | SCIENTIFIC NAME            | PROTECTED | SPECIMEN | REMOVED | REMARKS    | CREDITS |
|--------|--------|-----------|---------------|----------------------------|-----------|----------|---------|------------|---------|
| 58     | 154    | 10        | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | NO      |            | 1       |
| 59     | 155    | 6.5       | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | NO      |            | 1       |
| 60     | 156    | 6         | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | NO      |            | 1       |
| 61     | 157    | 6         | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | NO      |            | 1       |
| 62     | 158    | 7         | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | NO      |            | 1       |
| 63     | 159    | 7         | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | NO      |            | 1       |
| 64     | 160    | 6         | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | NO      |            | 1       |
| 65     | 161    | 7.5       | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | NO      |            | 1       |
| 66     | 162    | 6.5       | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | NO      |            | 1       |
| 67     | 163    | 7         | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | NO      |            | 1       |
| 68     | 164    | 6.5       | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | NO      |            | 1       |
| 69     | 165    | 10.5      | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | NO      |            | 1       |
| 70     | 166    | 8         | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | NO      |            | 1       |
| 71     | 167    | 6         | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | YES     |            | -1      |
| 72     | 168    | 6.5       | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | NO      |            | 1       |
| 73     | 169    | 8.5       | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | YES     | Multitrunk | -1      |
| 74     | 170    | 6         | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | YES     |            | -1      |
| 75     | 171    | 7         | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | YES     |            | -1      |
| 76     | 172    | 6         | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | YES     |            | -1      |
| 77     | 173    | 6         | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | YES     |            | -1      |
| 78     | 174    | 6         | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | YES     |            | -1      |
| 79     | 175    | 7         | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | YES     |            | -1      |
| 80     | 176    | 6.5       | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | YES     |            | -1      |
| 81     | 177    | 6         | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | YES     |            | -1      |
| 82     | 178    | 6         | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | YES     |            | -1      |
| 83     | 179    | 7         | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | YES     |            | -1      |
| 84     | 180    | 6         | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | YES     | Multitrunk | -1      |
| 85     | 181    | 10        | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | YES     |            | -1      |
| 86     | 182    | 8.5       | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | YES     |            | -1      |
| 87     | 183    | 6.5       | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | YES     | Multitrunk | -1      |
| 88     | 184    | 7         | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | YES     |            | -1      |
| 89     | 185    | 6         | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | YES     |            | -1      |
| 90     | 186    | 7         | AMERICAN ELM  | Ulmus americana            | YES       | NO       | YES     |            | -1      |
| 91     | 187    | 12        | TEXAS ASH     | Fraxinus texensis          | YES       | NO       | YES     |            | -1      |
| 92     | 188    | 8.5       | TEXAS ASH     | Fraxinus texensis          | YES       | NO       | YES     |            | -1      |
| 93     | 189    | 6         | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | YES     |            | -1      |
| 94     | 190    | 8         | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | YES     |            | -1      |
| 95     | 191    | 6.5       | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | YES     | Multitrunk | -1      |
| 96     | 192    | 10.5      | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | YES     |            | -1      |
| 97     | 193    | 6         | HERCULES CLUB | Zanthoxylum clava-herculis | NO        | NO       | YES     |            | -1      |
| 98     | 194    | 7.5       | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | YES     |            | -1      |
| 99     | 195    | 10        | PECAN         | Carya illinoensis          | YES       | NO       | YES     |            | -1      |
| 100    | 196    | 15.5      | CHITTAMWOOD   | Gum bumelia                | YES       | NO       | YES     |            | -1      |
| 101    | 197    | 12        | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | YES     |            | -1      |
| 102    | 198    | 7         | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | NO      |            | 1       |
| 103    | 199    | 6         | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | YES     |            | -1      |
| 104    | 200    | 8         | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | YES     | Multitrunk | -1      |
| 105    | 301    | 11        | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | YES     |            | -1      |
| 106    | 302    | 7.5       | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | YES     |            | -1      |
| 107    | 303    | 6.5       | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | YES     |            | -1      |
| 108    | 304    | 7.5       | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | YES     |            | -1      |
| 109    | 305    | 7.5       | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | YES     |            | -1      |
| 110    | 306    | 14        | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | YES     |            | -1      |
| 111    | 308    | 6.5       | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | YES     |            | -1      |
| 112    | 309    | 9         | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | YES     |            | -1      |
| 113    | 310    | 8.5       | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | YES     | Multitrunk | -1      |
| 114    | 311    | 8         | CEDAR ELM     | Ulmus crassifolia          | YES       | NO       | YES     |            | -1      |

| LIST # | TREE # | CAL. INCH | COMMON NAME | SCIENTIFIC NAME   | PROTECTED | SPECIMEN | REMOVED | REMARKS    | CREDITS |
|--------|--------|-----------|-------------|-------------------|-----------|----------|---------|------------|---------|
| 115    | 312    | 8         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 116    | 313    | 9.5       | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 117    | 314    | 9.5       | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 118    | 315    | 8         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 119    | 316    | 7         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 120    | 317    | 8         | TEXAS ASH   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 121    | 318    | 8         | TEXAS ASH   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 122    | 319    | 8.5       | TEXAS ASH   | Fraxinus texensis | YES       | NO       | YES     |            | -1      |
| 123    | 320    | 9         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 124    | 321    | 8         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 125    | 322    | 10.5      | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 126    | 323    | 8.5       | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 127    | 324    | 10        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 128    | 325    | 8         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 129    | 326    | 7         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 130    | 327    | 6.5       | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 131    | 328    | 7         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 132    | 329    | 11.5      | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      | Multitrunk | 1       |
| 133    | 330    | 8.5       | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      | Multitrunk | 1       |
| 134    | 331    | 6.5       | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 135    | 332    | 7         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 136    | 394    | 33        | CEDAR ELM   | Ulmus crassifolia | YES       | YES      | NO      |            | 6       |
| 137    | 395    | 25        | TEXAS ASH   | Fraxinus texana   | YES       | YES      | NO      |            | 5       |
| 138    | 396    | 25        | CEDAR ELM   | Ulmus crassifolia | YES       | YES      | NO      |            | 5       |
| 139    | 397    | 26        | CEDAR ELM   | Ulmus crassifolia | YES       | YES      | NO      |            | 5       |
| 140    | 398    | 22        | CEDAR ELM   | Ulmus crassifolia | YES       | YES      | NO      |            | 4       |
| 141    | 399    | 22        | CEDAR ELM   | Ulmus crassifolia | YES       | YES      | NO      |            | 4       |
| 142    | 400    | 27        | CEDAR ELM   | Ulmus crassifolia | YES       | YES      | NO      |            | 5       |
| 143    | 702    | 12        | CEDAR ELM   | Ulmus crassifolia | YES       | YES      | NO      |            | -1      |
| 144    | 703    | 6.5       | CEDAR ELM   | Ulmus crassifolia | YES       | YES      | NO      |            | -1      |
| 145    | 704    | 12        | CEDAR ELM   | Ulmus crassifolia | YES       | YES      | NO      |            | -1      |
| 146    | 705    | 6.5       | CEDAR ELM   | Ulmus crassifolia | YES       | YES      | NO      |            | -1      |
| 147    | 3572   | 22.5      | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      | Multitrunk | 1       |
| 148    | 3573   | 8         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 149    | 3574   | 15        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      | Multitrunk | 1       |
| 150    | 3575   | 10.5      | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      | Multitrunk | 1       |
| 151    | 3576   | 7         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 152    | 3577   | 8         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 153    | 3578   | 10        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 154    | 3579   | 9         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 155    | 3580   | 10        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 156    | 3581   | 9         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 157    | 3582   | 8         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 158    | 3583   | 10        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 159    | 3584   | 15        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 160    | 3585   | 10        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 161    | 3586   | 14        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 162    | 3587   | 9         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 163    | 3588   | 7         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 164    | 3589   | 8         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 165    | 3590   | 8         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 166    | 3591   | 6         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 167    | 3592   | 13        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 168    | 3593   | 6         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 169    | 3594   | 12        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 170    | 3595   | 9         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |

| LIST # | TREE # | CAL. INCH | COMMON NAME | SCIENTIFIC NAME   | PROTECTED | SPECIMEN | REMOVED | REMARKS    | CREDITS |
|--------|--------|-----------|-------------|-------------------|-----------|----------|---------|------------|---------|
| 167    | 3596   | 15        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 168    | 3598   | 7         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 169    | 3599   | 10        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 170    | 3600   | 11        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 171    | 3601   | 6         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 172    | 3602   | 8         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 173    | 3603   | 17        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 3       |
| 174    | 3604   | 10        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 175    | 3605   | 18        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 176    | 3606   | 6         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 177    | 3607   | 9         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 178    | 3608   | 13        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 3       |
| 179    | 3609   | 12        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 180    | 3610   | 6         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 181    | 3612   | 18        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 182    | 3613   | 8         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 183    | 3614   | 8         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 184    | 3615   | 12        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 185    | 3616   | 8         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 186    | 3617   | 11        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 187    | 3618   | 8         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 188    | 3619   | 10        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 189    | 3620   | 10        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 190    | 3621   | 16        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 3       |
| 191    | 3622   | 8         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 192    | 3623   | 8         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 193    | 3624   | 12        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 194    | 3625   | 9         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 195    | 3626   | 10        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 196    | 3627   | 8         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 197    | 3628   | 9         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 198    | 3628   | 9         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 199    | 3629   | 7         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 201    | 3631   | 6         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 202    | 3632   | 15        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 3       |
| 203    | 3633   | 11        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 204    | 3634   | 10        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 205    | 3635   | 15        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 206    | 3636   | 9         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 207    | 3637   | 9         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 208    | 3638   | 9         | PECAN       | Carya illinoensis | YES       | NO       | NO      |            | 1       |
| 209    | 3640   | 11        | PECAN       | Carya illinoensis | YES       | NO       | YES     |            | -1      |
| 210    | 3641   | 17        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 3       |
| 211    | 3643   | 12        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 212    | 3645   | 10        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 213    | 3646   | 8         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 214    | 3647   | 7         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 215    | 3648   | 6         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 216    | 3649   | 6         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 217    | 3650   | 9         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 218    | 3651   | 8         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 219    | 3652   | 8         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 220    | 3653   | 11        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 221    | 3654   | 6         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 222    | 3655   | 8         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 223    | 3656   | 6         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 224    | 3657   | 13        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |

| LIST # | TREE # | CAL. INCH | COMMON NAME | SCIENTIFIC NAME   | PROTECTED | SPECIMEN | REMOVED | REMARKS    | CREDITS |
|--------|--------|-----------|-------------|-------------------|-----------|----------|---------|------------|---------|
| 224    | 3658   | 8         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 225    | 3659   | 18        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 226    | 3660   | 13        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 227    | 3661   | 13        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 228    | 3662   | 8         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 229    | 3663   | 9         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 230    | 3664   | 13.5      | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      | Multitrunk | 3       |
| 231    | 3665   | 15        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 232    | 3666   | 9         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 233    | 3667   | 8         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 234    | 3668   | 12        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      | Multitrunk | 1       |
| 235    | 3669   | 12        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 236    | 3670   | 6         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 237    | 3671   | 7         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 238    | 3672   | 7         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 239    | 3673   | 7         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 240    | 3674   | 6         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 241    | 3675   | 9         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 242    | 3676   | 11        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 243    | 3677   | 7         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 244    | 3678   | 6         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 245    | 3679   | 9         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 246    | 3680   | 9         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 247    | 3681   | 7         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 248    | 3682   | 6         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 249    | 3683   | 9         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 250    | 3684   | 8         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 251    | 3685   | 8         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 252    | 3686   | 10.5      | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 253    | 3687   | 12        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 255    | 3689   | 12        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 256    | 3690   | 7         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 257    | 3692   | 10.5      | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 258    | 3693   | 9         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 259    | 3694   | 9         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 260    | 3695   | 8         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 261    | 3696   | 8         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 262    | 3697   | 11        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 264    | 3699   | 9         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 263    | 3699   | 6         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 265    | 3700   | 8         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 266    | 3701   | 13.5      | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 267    | 3703   | 8         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 268    | 3704   | 7         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 269    | 3705   | 10        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 270    | 3706   | 10        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 271    | 3707   | 10.5      | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 274    | 3710   | 10        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 275    | 3711   | 10.5      | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 276    | 3712   | 21        | CEDAR ELM   | Ulmus crassifolia | YES       | YES      | YES     |            | -42     |
| 277    | 3713   | 7         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 278    | 3714   | 8         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 279    | 3715   | 6         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 280    | 3716   | 9         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 281    | 3718   | 11        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |

| LIST # | TREE # | CAL. INCH | COMMON NAME | SCIENTIFIC NAME   | PROTECTED | SPECIMEN | REMOVED | REMARKS    | CREDITS |
|--------|--------|-----------|-------------|-------------------|-----------|----------|---------|------------|---------|
| 282    | 3719   | 11        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 283    | 3720   | 10        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 284    | 3721   | 12        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      | Multitrunk | 1       |
| 285    | 3722   | 18        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 3       |
| 286    | 3723   | 7         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 287    | 3724   | 14        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 3       |
| 288    | 3725   | 14        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 3       |
| 289    | 3726   | 14        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 3       |
| 290    | 3727   | 16        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      | Multitrunk | 3       |
| 291    | 3729   | 8         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 292    | 3730   | 16        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 293    | 3731   | 11        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 294    | 3732   | 16        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 295    | 3733   | 6         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 296    | 3734   | 6         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 297    | 3735   | 6         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 298    | 3736   | 6         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 299    | 3737   | 6         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 300    | 3738   | 6         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 301    | 3739   | 9         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 302    | 3740   | 19        | CEDAR ELM   | Ulmus crassifolia | YES       | YES      | NO      |            | 4       |
| 303    | 3782   | 10.5      | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 304    | 3783   | 9         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 305    | 3784   | 7         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 306    | 3785   | 6         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 307    | 3786   | 7         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 308    | 3787   | 7         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 309    | 3788   | 6         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 310    | 3789   | 7         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 311    | 3790   | 6         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 312    | 3791   | 7         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 313    | 3792   | 7         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 314    | 3793   | 9         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 315    | 3794   | 8         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 316    | 3795   | 12        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 317    | 3797   | 10.5      | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 318    | 3798   | 7         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 319    | 3799   | 9         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 320    | 3800   | 6         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 321    | 3801   | 8         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 322    | 3802   | 8         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 323    | 3803   | 12        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 324    | 3804   | 9         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 325    | 3805   | 10        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 326    | 3809   | 9         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 327    | 3810   | 10        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 328    | 3812   | 6         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 329    | 3813   | 8         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 330    | 3814   | 6         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 331    | 3816   | 8         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 332    | 3817   | 6         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 333    | 3818   | 8         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 334    | 3819   | 6         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 335    | 3821   | 7         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 336    | 3822   | 12        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 337    | 3823   | 12        | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 338    | 3824   | 7         | CEDAR ELM   | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |

| LIST # | TREE # | CAL. INCH | COMMON NAME  | SCIENTIFIC NAME   | PROTECTED | SPECIMEN | REMOVED | REMARKS    | CREDITS |
|--------|--------|-----------|--------------|-------------------|-----------|----------|---------|------------|---------|
| 339    | 3825   | 6         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 340    | 3826   | 6         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 341    | 3827   | 6         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 342    | 3828   | 7         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 343    | 3829   | 7.5       | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 344    | 3830   | 8         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 345    | 3831   | 7         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 346    | 3832   | 12        | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 347    | 3833   | 8         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 348    | 3834   | 8         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 349    | 3835   | 6         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 350    | 3836   | 10        | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      | Multitrunk | 1       |
| 351    | 3837   | 15        | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      |            | 3       |
| 352    | 3838   | 14        | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      |            | 3       |
| 353    | 3839   | 13        | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      |            | 3       |
| 354    | 3840   | 13        | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      |            | 3       |
| 355    | 3841   | 11        | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      | Multitrunk | 1       |
| 356    | 3842   | 6         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 357    | 3843   | 7         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 358    | 3844   | 7         | AMERICAN ELM | Ulmus americana   | YES       | NO       | NO      |            | 1       |
| 359    | 3845   | 8         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 360    | 3846   | 10.5      | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 361    | 3847   | 8         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 362    | 3848   | 10        | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 363    | 3849   | 9         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 364    | 3850   | 9         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 365    | 3851   | 9         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 366    | 3852   | 6         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 367    | 3853   | 10        | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 368    | 3854   | 7         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 369    | 3855   | 6         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 370    | 3856   | 7         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 371    | 3857   | 13.5      | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 372    | 3858   | 6         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 373    | 3859   | 10        | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 374    | 3907   | 6         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 375    | 4818   | 8         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 376    | 4819   | 10        | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 377    | 392A   | 7         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 378    | 393A   | 7.5       | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 379    | 394A   | 7.5, 7    | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 380    | 395A   | 8         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 381    | 396A   | 9         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 382    | 397A   | 13.5, 8.5 | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 383    | 398A   | 7.5       | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 384    | 399A   | 8         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 385    | 400A   | 8.5       | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 386    | 1A     | 7.5, 6    | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     | Multitrunk | -1      |
| 387    | 2A     | 8         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 388    | 3A     | 7         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 389    | 4A     | 7.5       | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |
| 390    | 5A     | 7, 5.5    | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      | Multitrunk | 1       |
| 391    | 6A     | 11        | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 392    | 7A     | 10.5      | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 393    | 8A     | 7.5       | TEXAS ASH    | Fraxinus texana   | YES       | NO       | NO      |            | 1       |
| 394    | 9A     | 10        | TEXAS ASH    | Fraxinus texana   | YES       | NO       | NO      |            | 1       |
| 395    | 10A    | 16.5      | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 396    | 11A    | 10        | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | NO      |            | 1       |
| 397    | 12A    | 7         | CEDAR ELM    | Ulmus crassifolia | YES       | NO       | YES     |            | -1      |

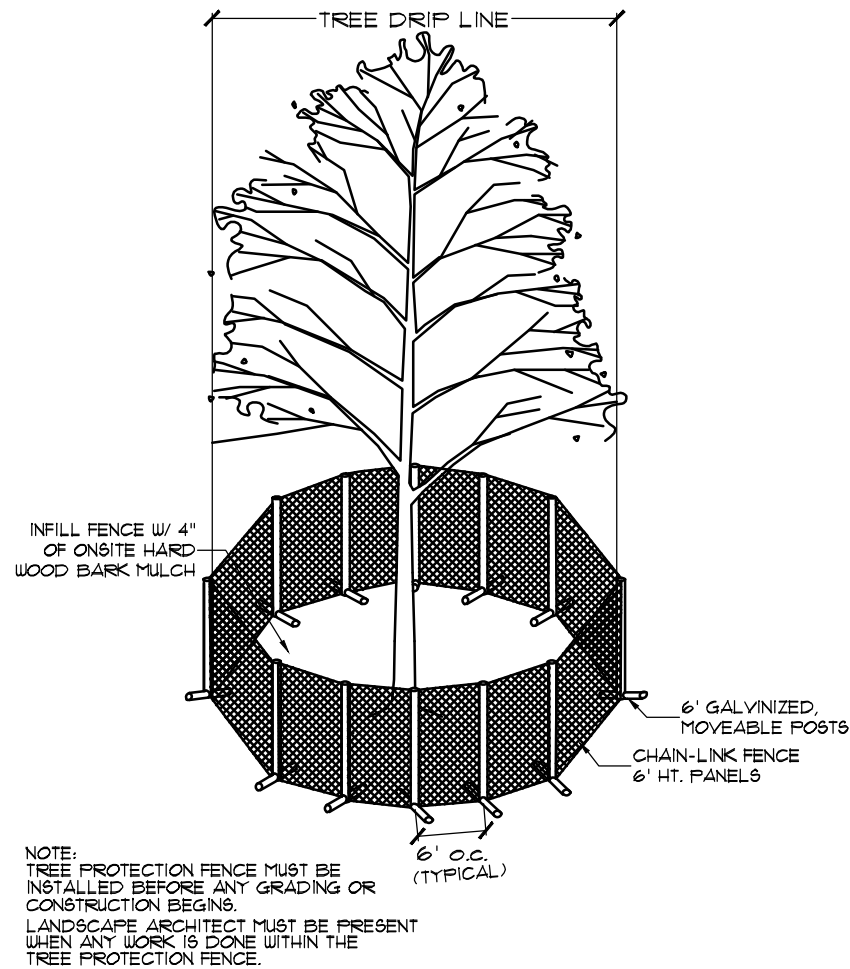
| TREE MITIGATION TABLE                              |                    |
|----------------------------------------------------|--------------------|
| Total # of specimen trees:                         | 9                  |
| Specimen trees to be removed:                      | 1                  |
| Specimen tree credits (less PO):                   | 38                 |
| Specimen tree mitigation (2X cal. Inches removed): | 42                 |
|                                                    |                    |
| Protected trees:                                   | 392                |
| Protected tree mitigation:                         | 314                |
| Protected Tree credits (less PO)                   | 191                |
| Credits for Post Oak tree preserved w/in B.A.:     | 0                  |
|                                                    |                    |
| Total required tree mitigation                     | -127               |
| Total provided 3" cal. Mitigation trees            | 46 (3" cal.) trees |

NOTE:  
41 MITIGATION TREES PROVIDED  
ON THE LANDSCAPE PLAN.

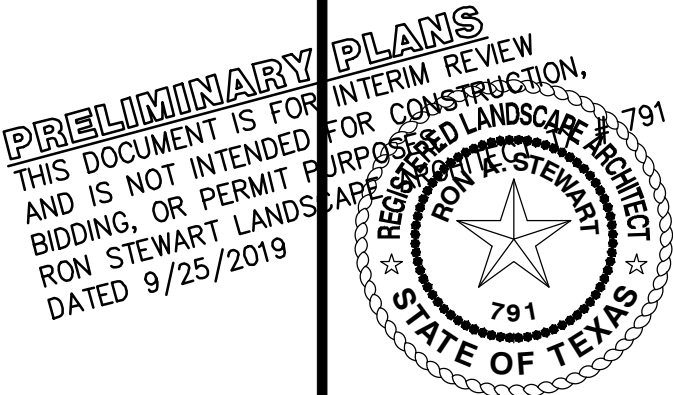
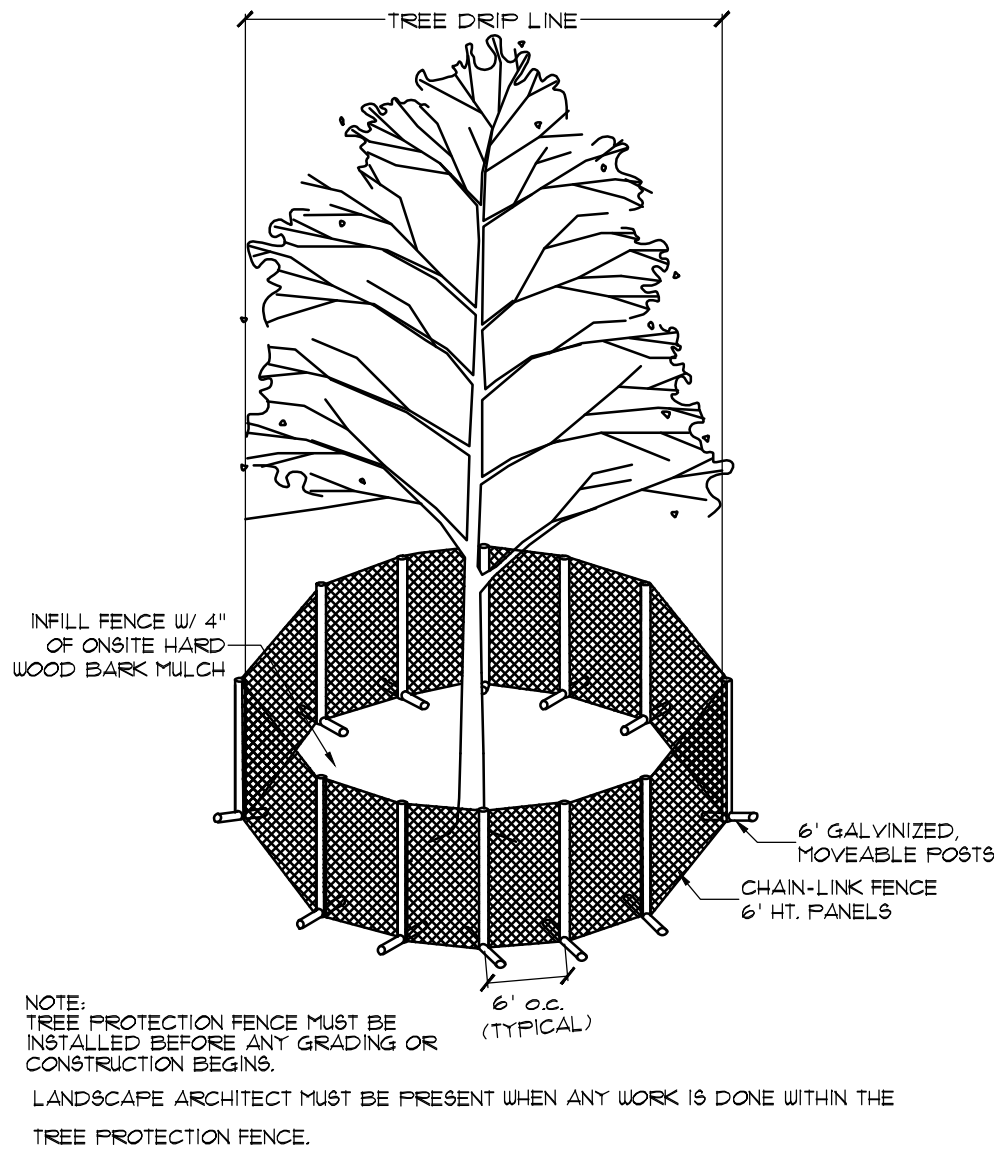
TREE PRUNING, REMOVAL AND PROTECTION MEASURES

- 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 outlined.
  - 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 "airaug" 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

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



2 TREE PROTECTION FENCING  
NTS



Drawn By: JP  
Date: 06/17/2019  
Scale:  
Revisions:  
08/15/2019  
08/22/2019

ZEN-19010

OWNER/DEVELOPER  
TRAILWOOD INVESTMENTS, LP  
218 WEST WALL STREET  
GRAPEVINE, TX  
Ph. (817) 873-0520  
Contact: ROB BETANCUR

T1.11

TRAILWOOD PHASE II

63.888 Acres  
in the  
B. WHEELER SURVEY, ABSTRACT NO. 1605  
MEP. & P. RR. CO. SURVEY, ABSTRACT NO. 922  
TOWN OF FLOWER MOUND  
DENTON COUNTY, TEXAS

TREE SURVEY

The John R. McAdams  
Company, Inc.  
(DBA, G&A | McAdams)  
111 Hillside Drive  
Lewisville, Texas 75057  
972.436.3712  
201 County View Drive  
Rancho, Texas 75262  
940.240.1012  
www.gascon.com  
www.mcadamsco.com  
TBP# 194440



MCADAMS



TRAILWOOD PHASE II



## ENVIRONMENTAL CONSERVATION COMMISSION AGENDA ITEM NO. 4

### REGULAR ITEM

---

**DATE:** October 1, 2019

**FROM:** James Hoefert, Environmental Review Analyst

**ITEM:** Review the trees nominated for the Town's Tree Recognition Program and select the tree(s) for recognition for 2019.

---

**BACKGROUND INFORMATION:** The Environmental Conservation Commission (ECC) established the selection criteria and nomination review process for the Tree Recognition Program in 2013, and that process has continued for the 2014 through 2019 program years.

The committee and staff will provide the ECC with the recommended tree selections, photographs, and descriptions for the nominated trees. Upon receiving the recommendations, the ECC will have the opportunity to discuss the nominated trees and select the winning tree or trees. Property owners and/or nominees of winning trees will be notified and presented with their certificates and signs at the 2019 Arbor Day event on November 2, 2019.

**CITIZEN FEEDBACK:** N/A

**ALTERNATIVES/OPTIONS:** N/A

**ATTACHMENTS:** N/A

**RECOMMENDATION:** The ECC may review and select the nominated trees for the 2019 Tree Recognition Program.