



AGENDA

TOWN OF FLOWER MOUND ENVIRONMENTAL CONSERVATION COMMISSION REGULAR MEETING

March 6, 2018

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

6:30 P.M.

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

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

B. INVOCATION AND PLEDGE OF ALLEGIANCE

C. CITIZENS/VISITORS COMMENTS

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

D. STAFF REPORT

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

E. SUBCOMMITTEE UPDATE

1. Receive an update from the arboretum subcommittee.

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 A member of the Environmental Conservation Commission may request an item(s) be withdrawn from the consent agenda and moved to regular agenda for discussion by making such request prior to a motion and vote on the Consent Agenda.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

March 6, 2018

Page 2

1. Consider approval of minutes from the regular meeting of the Environmental Conservation Commission held on February 6, 2018.

G. REGULAR ITEMS

2. Consider an application for a tree removal permit for one (1) specimen tree on property proposed for development as Hawks Hill QT. The property is generally located west of Long Prairie Road and south of Waketon Road.
3. Consider an application for a tree removal permit for six (6) specimen trees on property proposed for development as Flower Mound Church of Christ. The property is generally located south of Karnes Road and east of Old Settlers Road.
4. Consider an application for a tree removal permit for two (2) specimen trees on property proposed for development as Rocky Hill Farms. The property is generally located north of Cross Timbers Road and east of Lighthouse Drive.

H. COORDINATION OF FUTURE AGENDAS/MEETINGS

I. 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: March 2, 2018, by 5:00 p.m., at least 72 hours prior to the schedule time of said meeting.



Emily Chapman

Administrative Assistant



ENVIRONMENTAL CONSERVATION COMMISSION AGENDA ITEM NO. 1

CONSENT ITEM

DATE: March 6, 2018

FROM: Emily Chapman, Administrative Assistant

ITEM: Consider approval of minutes from the regular meeting of the Environmental Conservation Commission held on February 6, 2018.

BACKGROUND INFORMATION: This agenda item is to consider approval of the minutes from the February 6, 2018, regular meeting of the Environmental Conservation Commission.

CITIZEN FEEDBACK: N/A

ALTERNATIVES/OPTIONS: N/A

FISCAL IMPACT: N/A

LEGAL REVIEW: N/A

ATTACHMENTS:

1. A copy of the draft minutes from the February 6, 2018, regular meeting of the Environmental Conservation Commission.

RECOMMENDATION: Move to approve the minutes from the February 6, 2018, regular meeting of the Environmental Conservation Commission.

FLOWER MOUND ENVIRONMENTAL CONSERVATION COMMISSION MEETING OF FEBRUARY 6, 2018

THE FLOWER MOUND ENVIRONMENTAL CONSERVATION COMMISSION MEETING HELD ON THE 6TH DAY OF FEBRUARY 2018, IN THE FLOWER MOUND TOWN HALL, LOCATED AT 2121 CROSS TIMBERS ROAD IN THE TOWN OF FLOWER MOUND, COUNTY OF DENTON, TEXAS, AT 6:30 P.M.

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

Russell McNamer	Chair
Thomas Bailey	Vice Chair
James Naylor	Commission Member, Place 1
Michael Lamminen	Commission Member, Place 2
Alton Bowman	Commission Member, Place 5
James Gerber	Commission Member, Place 7
Shery Layne	Commission Member, Place 9
James Seastrom	Commission Member, Place 10

Constituting a quorum with the following members absent:

Marilyn Lawson	Commission Member, Place 4
Elaine Takacs	Commission Member, Place 8

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

And the following members of Town staff present:

Matthew Woods	Director of Environmental Services
Emily Chapman	Administrative Assistant
James Hoefert	Environmental Review Analyst
Matthew Green	Environmental Review Analyst
Misty Adams	Environmental Programs Coordinator

A. CALL TO ORDER - REGULAR SESSION: 6:30 P.M.

B. INVOCATION AND PLEDGE OF ALLEGIANCE

C. CITIZENS/VISITORS COMMENTS

D. STAFF REPORT

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

E. PRESENTATIONS

1. Annual report presentation from Republic Services

F. CONSENT AGENDA

FLOWER MOUND ENVIRONMENTAL CONSERVATION COMMISSION MEETING OF FEBRUARY 6, 2018

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

Commission Deliberation

Vice Chair Bailey made a motion to approve the January 2, 2018, minutes as presented. Commission Member Lamminen seconded the motion.

VOTE ON THE MOTION

AYES: Gerber, Bowman, Bailey, Lamminen, Naylor, Seastrom
NAYS: None
ABSTAIN: None

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

G. ADJOURNMENT – REGULAR SESSION

H. CALL WORK SESSION TO ORDER

I. WORK SESSION ITEMS

2. Review and discuss the Town's Open Space Plan

3. Receive an update on the 2018 Annual Stormwater Report

J. COORDINATION OF FUTURE AGENDAS/MEETINGS

K. ADJOURNMENT – REGULAR SESSION 8:39 P.M.

TOWN OF FLOWER MOUND, TEXAS



MATTHEW WOODS

DIRECTOR OF ENVIRONMENTAL SERVICES

ATTEST:



EMILY CHAPMAN
ADMINISTRATIVE ASSISTANT



ENVIRONMENTAL CONSERVATION COMMISSION AGENDA ITEM NO. 2

REGULAR ITEM

DATE: March 6, 2018
FROM: James Hoefert, Environmental Review Analyst
PRESENTER Ron Stewart, with G&A Consultants, LLC
ITEM: **Consider an application for a tree removal permit for one (1) specimen tree on property proposed for development as Hawks Hill QT. The property is generally located west of Long Prairie Road and south of Waketon Road.**

BACKGROUND INFORMATION:

The Hawks Hill QT development is generally located west of Long Prairie Road and south of Waketon Road. The site is approximately 1.5 acres in size. The site is currently master planned for Retail and is zoned for Retail-2 (R-2) uses within Planned Development District No. 141 (PD-141). According to the tree survey for the project, the site contains two (2) specimen trees within the proposed grading limits of the site. The applicant is requesting to remove one (1) specimen tree from the site in order to build a gas station. The specimen tree proposed for removal (Tree #9379 – 19" blackjack oak) is in good condition and is located outside the property line but would be within the proposed grading limits.

Although the Town's tree preservation ordinance, Chapter 94 – Trees, was amended in July of 2015 to remove the mitigation exception for non-residential uses within Specific Plan Areas, the initial development application for the entire Hawks Hill development was submitted prior to the ordinance adoption and is therefore not subject to the mitigation requirements.

CITIZEN FEEDBACK: As of March 1, 2018, staff has not received feedback related to this item.

ALTERNATIVES/OPTIONS: N/A

FISCAL IMPACT: N/A

LEGAL REVIEW: N/A

ATTACHMENTS:

1. Letter from the applicant indicating the reason(s) for the tree removal permit request.
2. Specimen tree removal permit application.
3. Photograph of the specimen tree proposed for removal.
4. 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 Hawks Hill QT. The property is generally located west of Long Prairie Road and south of Waketon Road.



February 28, 2018

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

Reference: Tree Removal Permit Application
FM 2499 & Waketon
QuikTrip No. 0944
Town of Flower Mound
Denton, Texas

Dear Mr. Hoefert;

On behalf of the owner/developer on the aforementioned property, we are requesting that (1) specimen tree (as outlined on the attached tree removal exhibit), as defined in the TOFM Tree Preservation Code, be removed. The tree is being requested to be removed due to the offsite 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	1 tree #9370, 32" Pecan
Total specimen trees off site to be removed due to grading	1 tree #9379, 19" Blackjack Oak

Several plans were generated with various renditions of each based on saving the specimen tree as per the owner. Due to preexisting conditions, grading, Town of Flower Mound Engineering Standards, and site conditions, the 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.

The following is the specimen trees we are requesting to be removed: #9379, 19" Blackjack Oak

This tree is being removed due to existing conditions and site grading constraints.

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,

Ron Stewart, ASLA
Landscape Architect, TX #791

Town of Flower Mound
Application for:
TREE REMOVAL PERMIT

(Effective for Developments submitted 2/17/00- present)

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

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

Name:

Ron Stewart, P.L.A.
G&A Consultants, LLC

Address:

111 Hillside Dr.
Lewisville, TX 75057

Phone:

(972) 436-9712

Applicant's Legal Interest in the Property:

Landscape Architect

2. Property Owner(s)

Name(s) Hawks Ramsey, LLC

Address: 1044 115th Street
Suite 400
Omaha, NE 68154

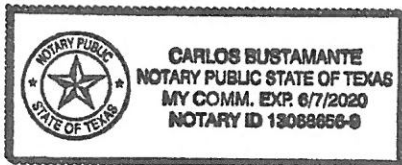
3. Location and Legal Description of Property:

QuikTrip No. 0944 - FM 2499 + Wakeston, E.M.

4. Owner's Authorization of Representation

I, JEFF RAMSEY, 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 (Vegetation), of the Land Development Code of the Town of Flower Mound, Texas.

Signature of Owner



Given Under My Hand and Seal of Office
This the 23 Day of FEBRUARY, 2002018

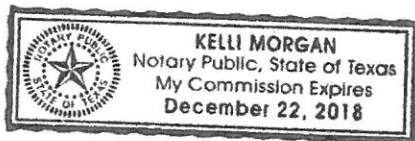
[Signature]
Notary Public
In and For DENTON County, Texas.

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

Subject to criminal penalties contained in Chapter 12, Land Development Code of the Town of Flower Mound, Texas, 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 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 15 Day of February, 2018

[Signature]
Notary Public
In and For Denton County, Texas

6. Received by Town of Flower Mound on (Date) 2/16/2018 by (initials) JRH.

Hawks Hill QT – Specimen tree proposed for removal

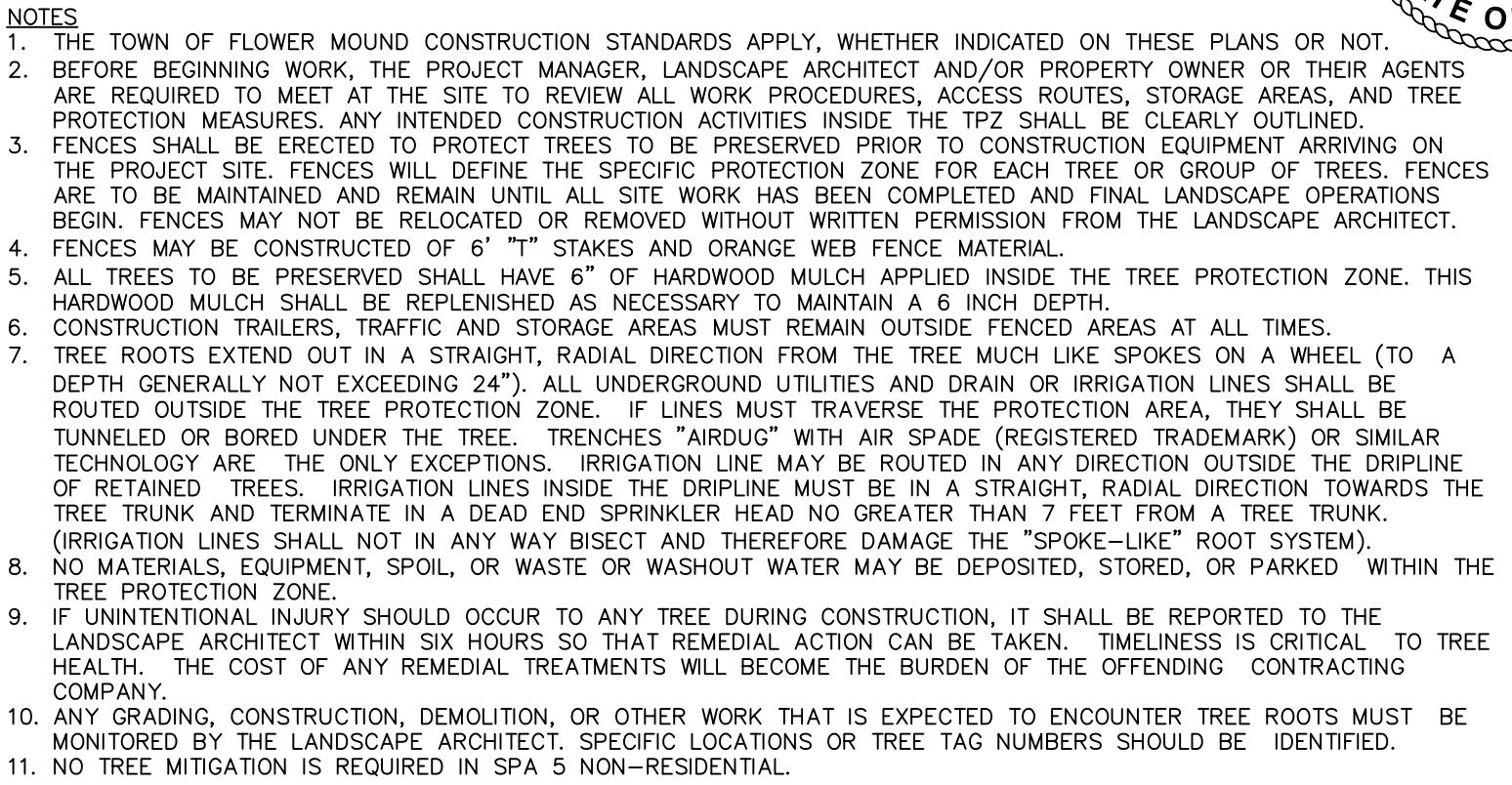
Tree #9379 – 19" blackjack oak



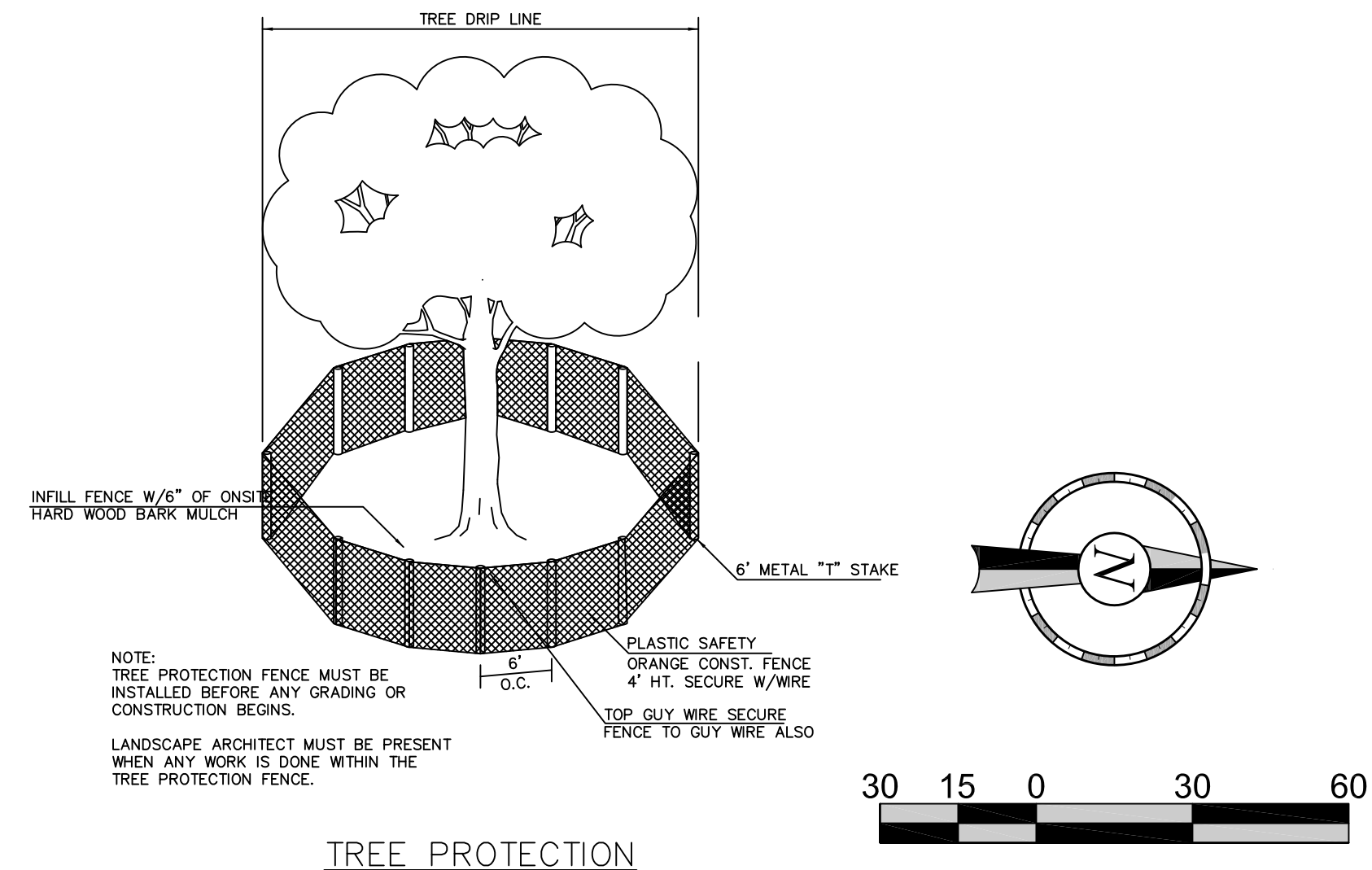
Tree Removal Request Signage

Along Long Prairie Rd.





	TREE #	CALIPER (")	COMMON NAME	BOTANICAL NAME	PROTECTED/SPECIMEN	REMOVED	HEALTH
1	9368	26" (MT)	MESQUITE	Prosopis glandulosa	NO	YES	GOOD
2	9369	12"	POST OAK	Quercus stellata	PROTECTED	YES	GOOD
3	9370	32"	PECAN	Carya illinoensis	SPECIMEN	NO	GOOD
4	9371	14"	PECAN	Carya illinoensis	PROTECTED	YES	GOOD
5	9372	14"	RED CEDAR	Juniperus virginiana	NO	YES	GOOD
6	9373	12"	PECAN	Carya illinoensis	PROTECTED	YES	GOOD
7	9374	14"	RED CEDAR	Juniperus virginiana	NO	YES	GOOD
8	9375	6"	RED CEDAR	Juniperus virginiana	NO	YES	GOOD
9	9376	12"	POST OAK	Quercus stellata	PROTECTED	YES	GOOD
10	9377	6"	POST OAK	Quercus stellata	PROTECTED	YES	GOOD
11	9378	7"	HACKBERRY	Celtis occidentalis	NO	YES	GOOD
12	9379	19"	BLACKJACK OAK	Quercus marilandica	SPECIMEN	YES	GOOD
13	9380	12"	BLACKJACK OAK	Quercus marilandica	PROTECTED	YES	GOOD
14	9381	10"	POST OAK	Quercus stellata	PROTECTED	YES	GOOD
15	9382	14"	RED CEDAR	Juniperus virginiana	NO	YES	GOOD
16	9383	12"	BLACKJACK OAK	Quercus marilandica	PROTECTED	NO	GOOD
17	9384	8"	HACKBERRY	Celtis occidentalis	NO	YES	GOOD
18	9385	14"	POST OAK	Quercus stellata	PROTECTED	NO	GOOD
19	9386	10"	POST OAK	Quercus stellata	PROTECTED	NO	GOOD
20	9387	15"	POST OAK	Quercus stellata	PROTECTED	NO	GOOD
21	9388	10"	POST OAK	Quercus stellata	PROTECTED	NO	GOOD
22	9389	9"	HACKBERRY	Celtis occidentalis	NO	NO	GOOD
23	9390	14"	POST OAK	Quercus stellata	PROTECTED	NO	GOOD
24	9391	16"	POST OAK	Quercus stellata	PROTECTED	NO	GOOD
25	9392	9"	HACKBERRY	Celtis occidentalis	NO	YES	GOOD
26	9393	7"	POST OAK	Quercus stellata	PROTECTED	NO	GOOD
27	9394	10"	TEXAS ASH	Fraxinus texensis	PROTECTED	NO	GOOD





ENVIRONMENTAL CONSERVATION COMMISSION AGENDA ITEM NO. 3

REGULAR ITEM

DATE: March 6, 2018
FROM: James Hoefert, Environmental Review Analyst
PRESENTER Ron Stewart, with G&A Consultants, LLC
ITEM: **Consider an application for a tree removal permit for six (6) specimen trees on property proposed for development as Flower Mound Church of Christ. The property is generally located south of Karnes Road and east of Old Settlers Road.**

BACKGROUND INFORMATION:

The Flower Mound Church of Christ development is generally located south of Karnes Road and east of Old Settlers Road. The site is approximately 2.026 acres in size. The site is currently master planned for Office and is zoned for Agriculture (A) uses. According to the tree survey for the project, the site contains fifteen (15) specimen trees. The applicant is requesting to remove six (6) specimen trees from the site in order to build a church. The six (6) specimen trees proposed for removal are all in good to fair condition and located within the proposed buildable area.

The following is a list of the six (6) specimen trees requested for removal:

Tree #553 – 23.5" post oak

Tree #555 – 27" pecan (fair condition because of overhead utility line clearing on the tree's west side)

Tree #570 – 25.5" post oak

Tree #571 – 26" post oak

Tree #572 – 23" post oak

Tree #612 – 24" 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. Mitigation for the six (6) specimen trees would be in the form of 297" of replacement trees, equaling 99 three-inch caliper trees. However, the developer is proposing to preserve a significant amount of protected and specimen trees on the site; therefore, there will be no tree mitigation based on the new tree credit schedule under the Town's tree ordinance.

CITIZEN FEEDBACK: As of March 1, 2018, staff has not received feedback related to this item.

ALTERNATIVES/OPTIONS: N/A

FISCAL IMPACT: N/A

LEGAL REVIEW: N/A

ATTACHMENTS:

1. Letter from the applicant indicating the reason(s) for the tree removal permit request.

2. Specimen tree removal permit application.
3. Photograph of the specimen trees 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 six (6) specimen trees on property proposed for development as Flower Mound Church of Christ. The property is generally located south of Karnes Road and east of Old Settlers Road.



February 16, 2018

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

Reference: Tree Removal Permit Application
 Lot 1, Block A
 2.026 Acres J. Stewart Survey, Abstract No. 1161
 3800 Old Settlers Road
 Town of Flower Mound
 Denton County, Texas

Dear Mr. Hoefert:

On behalf of the owner/developer on the aforementioned property, we are requesting that (7) 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 site and design conditions which thereby mean 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 TABULATIONS FROM THE SPECIMEN TREE SURVEY

Total specimen trees	15 Trees
Total specimen trees removed	6 Trees

Several plans were generated with various renditions of each based on saving the specimen tree as per the owner. Due to preexisting conditions, grading, Town of Flower Mound Engineering Standards, and site conditions, the 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.

The following are the specimen trees we are requesting to be removed:

- | | |
|--------------|------------------------|
| 1. Tree #553 | 23.5" caliper Post Oak |
| 2. Tree #555 | 27" caliper Pecan |
| 3. Tree #570 | 25.5" caliper Post Oak |
| 4. Tree #571 | 26" caliper Post Oak |
| 5. Tree #572 | 23" caliper Post Oak |
| 6. Tree #612 | 24" caliper Post Oak |

These trees are being removed due to existing conditions and site constraints.

Tree Removal Permit Letter of Intent
Flower Mound Church of Christ
Page 2

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

Thank you for your consideration.

Respectfully Submitted,

A handwritten signature in green ink, consisting of a series of loops and a long horizontal stroke extending to the right.

Ron Stewart, ASLA
Landscape Architect, TX #791

Town of Flower Mound
Application for:
TREE REMOVAL PERMIT

(Effective for Developments submitted 2/17/00- present)

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

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

Name:

Ron Stewart

Address:

111 Hillside Dr.
Lewisville, TX 75057

Phone:

972-436-9212

Applicant's Legal Interest in the Property:

Landscape Architect

2. Property Owner(s)

Name(s) Flower Mound Church of Christ

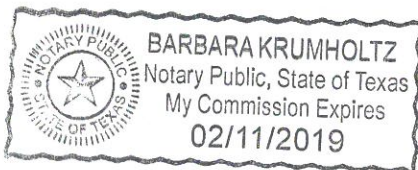
Address: 4900 Wichita Trail
Flower Mound, TX 75022

3. Location and Legal Description of Property:

Lot 1, Block A
2.026 Acres J. STEWART SURVEY, ABSTRACT NO. 1161
Town of Flower Mound, ~~Farrant~~ Denton County, Texas

4. Owner's Authorization of Representation

I, Donny Stanton, 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 (Vegetation), of the Land Development Code of the Town of Flower Mound, Texas.



Donny Stanton
Signature of Owner

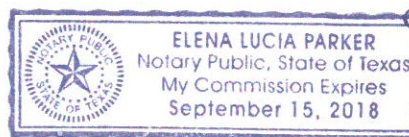
Given Under My Hand and Seal of Office
This the 15 Day of February, 2018
Barbara Krumholtz
Notary Public
In and For Dallas County, Texas.

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

Subject to criminal penalties contained in Chapter 12, Land Development Code of the Town of Flower Mound, Texas, 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 14 Day of FEB, 2018
Elena Lucia Parker
Notary Public
In and For Denton County, Texas

6. Received by Town of Flower Mound on (Date) 2/16/2018 by (initials) JRH.

Flower Mound Church of Christ -
Specimen trees proposed for removal

Tree #553 – 23.5" post oak



Tree #555 – 27" pecan



Tree #570 – 25.5" post oak



Tree #571 – 26" post oak



Tree #572 – 23" post oak



Tree #612 – 24" post oak

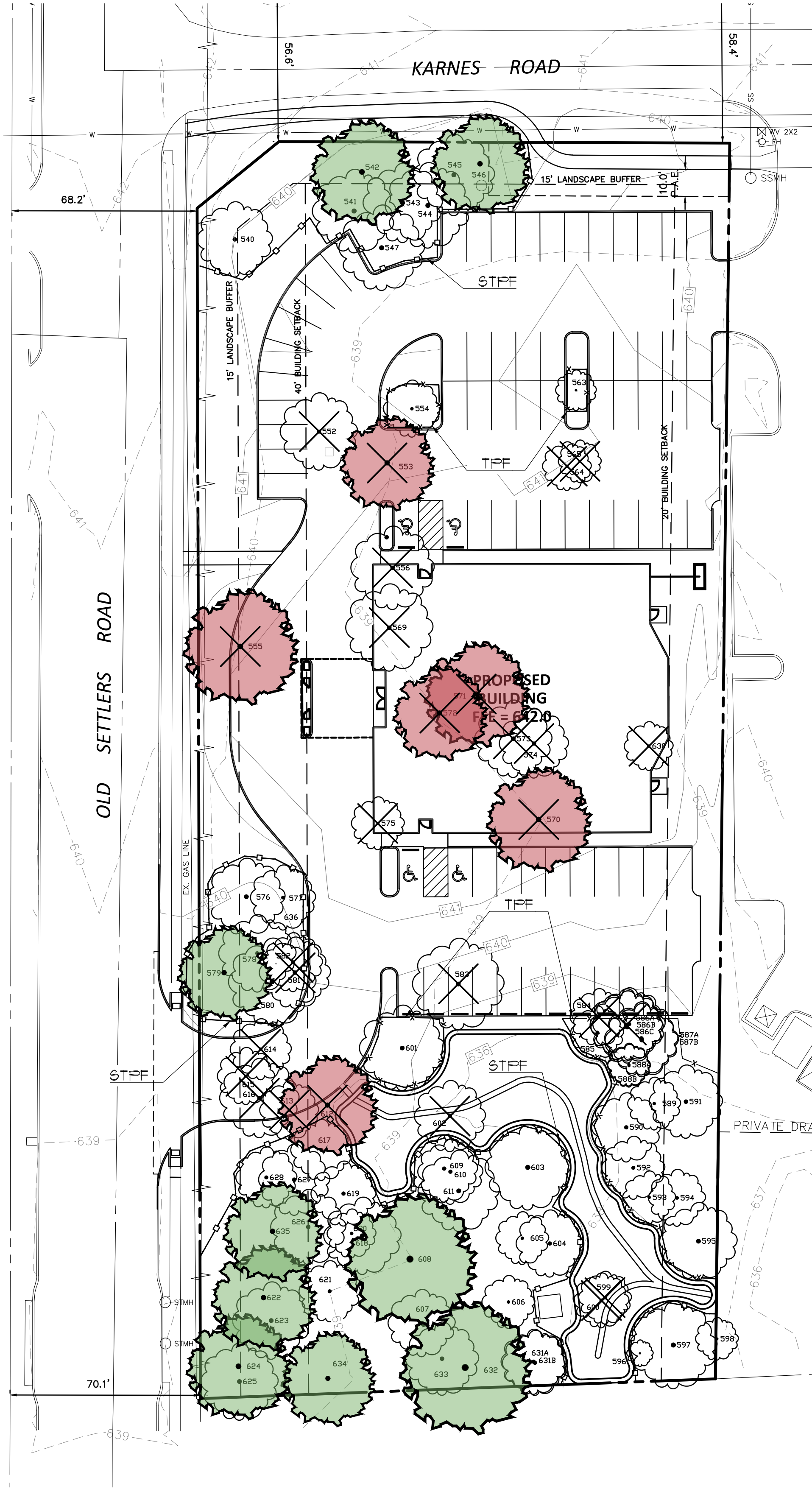


Tree Removal Request Signage

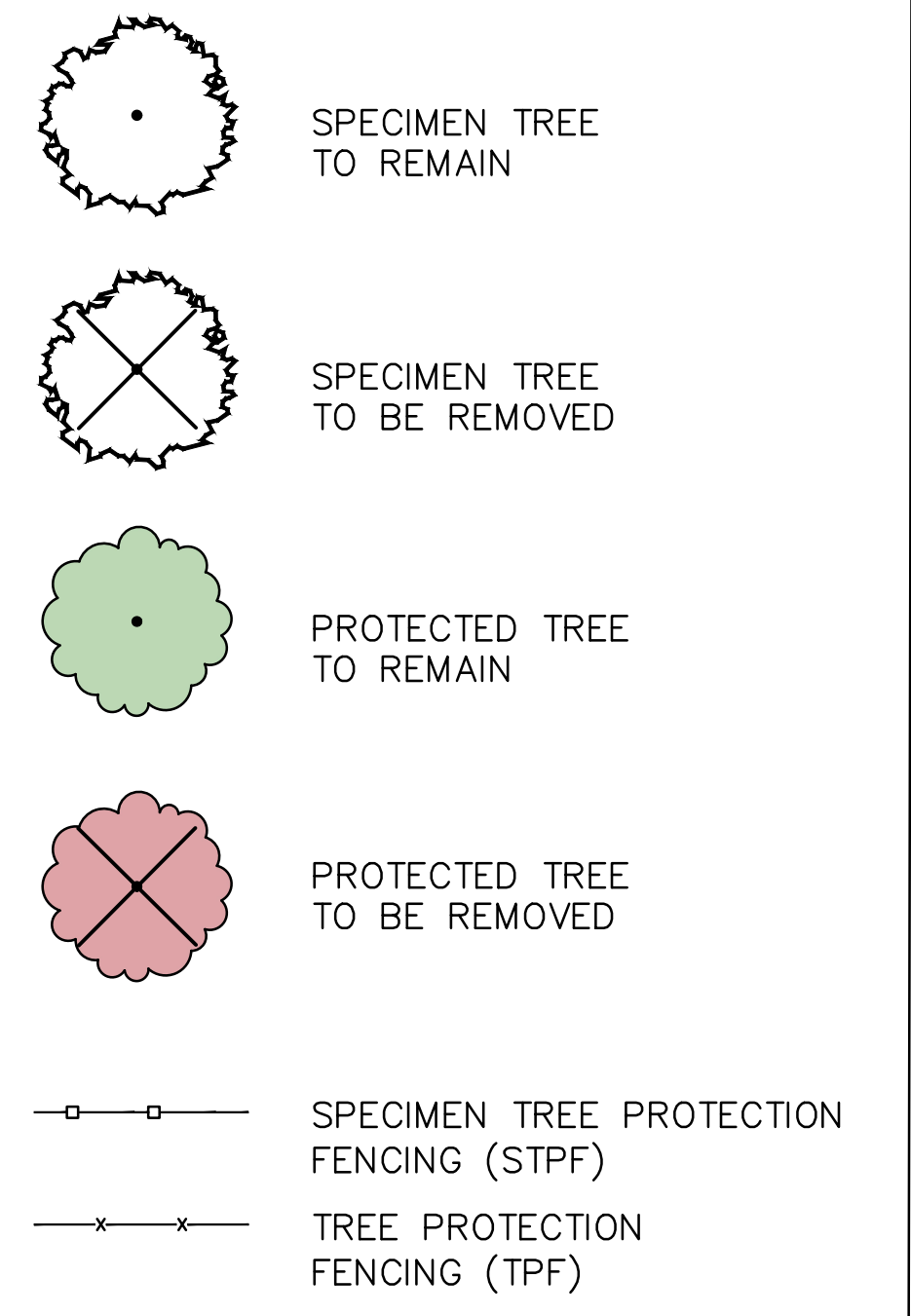
Along Old Settlers Rd.



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LEGEND

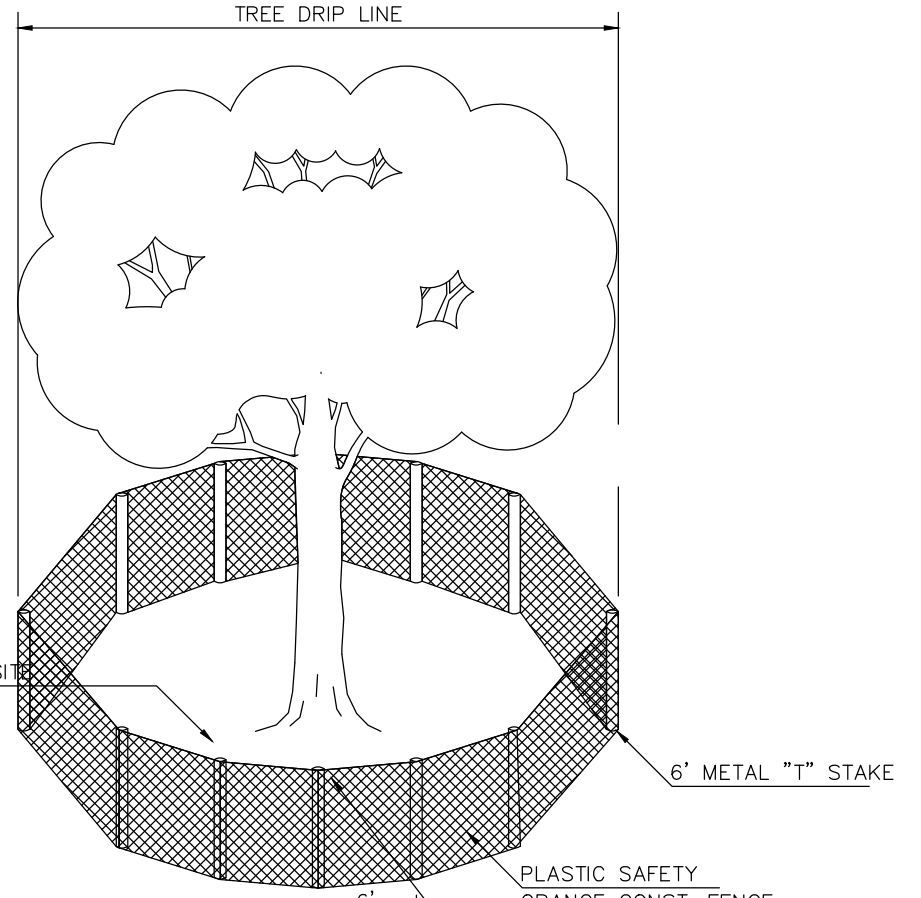
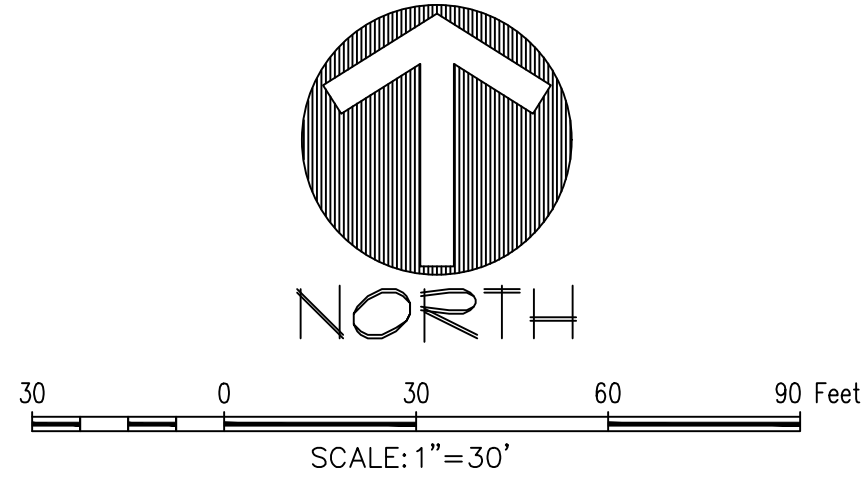


TREE PRUNING, REMOVAL AND PROTECTION MEASURES

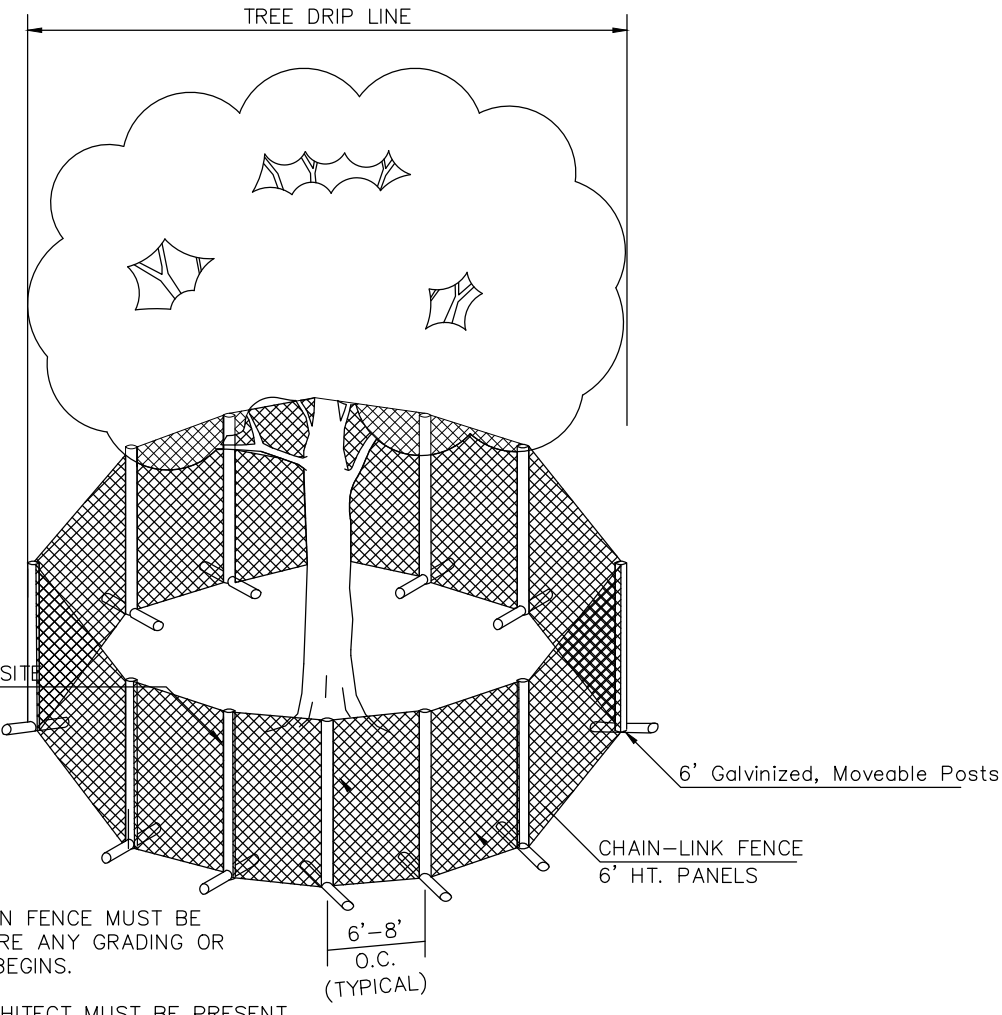
- A. QUALITY ASSURANCE
- 1) Comply with applicable Federal, state, county and local regulations governing landscape work.
 - 2) employ only experienced personnel. Provide adequate supervision by qualified foreman.
- B. JOB CONDITIONS
- 1) Coordination: Coordinate and cooperate with other contractors 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 area of undisturbed natural soil around a tree defined by a concentric circle with a radius in feet equal to the number of inches of trunk diameter.
 - 2) TPF: Tree Protection Fence: The orange safety barrier netting that shall extend around the entire circumference of the tree at the CRZ or as shown on approved plans.
- 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 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) Tree 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 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 "I" 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 "drugs" 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 or sprinkler head no greater 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 is expected to encounter tree roots must be monitored by the Landscape Architect. Specific locations or tree tag numbers should be identified

TREE CHART

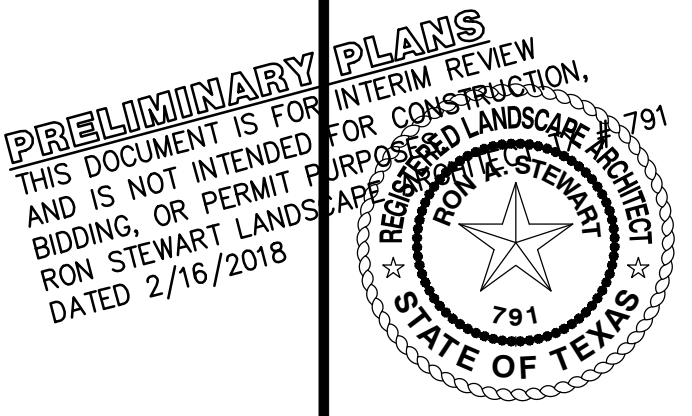
TREE #	CALIPER (")	COMMON NAME	BOTANICAL NAME	PROTECTED	REMARKS	REMOVED	MITIGATION	CREDITS
540	18.5	Post Oak	Quercus stellata	Yes	OBA			
541	20.5	Post Oak	Quercus stellata	Yes	BA			4
542	25	Post Oak	Quercus stellata	Yes	Specimen, OBA			
543	19.5	Post Oak	Quercus stellata	Yes	BA			4
544	21	Post Oak	Quercus stellata	Yes	BA	Yes	3	
545	20	Post Oak	Quercus stellata	Yes	OBA			
546	24.5	Post Oak	Quercus stellata	Yes	Specimen, OBA			
547	21	Post Oak	Quercus stellata	Yes	BA	Yes	3	
552	19	Post Oak	Quercus stellata	Yes	BA	Yes	3	
553	23.5	Post Oak	Quercus stellata	Yes	Specimen, BA	Yes	47	
554	14	Post Oak	Quercus stellata	Yes	BA			4
555	27	Pecan	Carya illinoensis	Yes	Specimen, BA	Yes	54	
556	20.5	Post Oak	Quercus stellata	Yes	BA	Yes	3	
563	10	Pecan	Carya illinoensis	Yes	BA			1
564	12	Pecan	Carya illinoensis	Yes	BA	Yes	3	
565	10.5	Pecan	Carya illinoensis	Yes	BA	Yes	3	
569	21.5	Post Oak	Quercus stellata	Yes	BA	Yes	3	
570	25.5	Post Oak	Quercus stellata	Yes	Specimen, BA	Yes	51	
571	26	Post Oak	Quercus stellata	Yes	Specimen, BA	Yes	52	
572	23	Post Oak	Quercus stellata	Yes	Specimen, BA	Yes	46	
573	19	Post Oak	Quercus stellata	Yes	BA	Yes	3	
574	17	Post Oak	Quercus stellata	Yes	BA	Yes	3	
575	13	Post Oak	Quercus stellata	Yes	BA	Yes	3	
576	19	Post Oak	Quercus stellata	Yes	BA			4
577	16	Post Oak	Quercus stellata	Yes	BA			4
578	19	Post Oak	Quercus stellata	Yes	BA			4
579	22	Post Oak	Quercus stellata	Yes	Specimen, OBA			
580	21.5	Post Oak	Quercus stellata	Yes	BA			4
581	17.5	Post Oak	Quercus stellata	Yes	BA	Yes	3	
582	14.5	Post Oak	Quercus stellata	Yes	BA	Yes	3	
583	21	Post Oak	Quercus stellata	Yes	BA	Yes	3	
584	14	Post Oak	Quercus stellata	Yes	BA	Yes	3	
585	13	Post Oak	Quercus stellata	Yes	BA			4
589	13	Post Oak	Quercus stellata	Yes	BA			4
590	17	Post Oak	Quercus stellata	Yes	BA			4
591	18	Post Oak	Quercus stellata	Yes	BA			4
592	15.5	Post Oak	Quercus stellata	Yes	BA			4
593	13	Post Oak	Quercus stellata	Yes	BA			4
594	14	Post Oak	Quercus stellata	Yes	BA			4
595	19	Post Oak	Quercus stellata	Yes	BA			4
596	6.5	Black Walnut	Juglans nigra	Yes	BA			1
597	21.5	Post Oak	Quercus stellata	Yes	BA			4
598	10.5	American Elm	Ulmus americana	Yes	BA			1
599	13	Post Oak	Quercus stellata	Yes	BA	Yes	3	
600	13.5	Post Oak	Quercus stellata	Yes	BA	Yes	3	
601	21	Post Oak	Quercus stellata	Yes	BA			4
602	17.5	Post Oak	Quercus stellata	Yes	BA	Yes	3	
603	21	Post Oak	Quercus stellata	Yes	BA			4
604	16.5	Post Oak	Quercus stellata	Yes	BA			4
605	13	Post Oak	Quercus stellata	Yes	BA			4
606	13	Post Oak	Quercus stellata	Yes	BA			4
607	16.5	Post Oak	Quercus stellata	Yes	BA			4
608	32.5	Post Oak	Quercus stellata	Yes	Specimen, BA			6
609	16.5	Post Oak	Quercus stellata	Yes	BA			4
610	16	Post Oak	Quercus stellata	Yes	BA			4
611	20	Post Oak	Quercus stellata	Yes	BA			4
612	24	Post Oak	Quercus stellata	Yes	Specimen, BA	Yes	48	
613	14.5	Post Oak	Quercus stellata	Yes	BA	Yes	3	
614	15	Post Oak	Quercus stellata	Yes	BA	Yes	3	
615	14	Post Oak	Quercus stellata	Yes	BA	Yes	3	
616	19.5	Post Oak	Quercus stellata	Yes	BA	Yes	3	
617	15	Post Oak	Quercus stellata	Yes	BA			4
618	19	Post Oak	Quercus stellata	Yes	BA			4
619	16	Post Oak	Quercus stellata	Yes	BA			4
620	12	Post Oak	Quercus stellata	Yes	BA			2
621	15	Post Oak	Quercus stellata	Yes	BA			4
622	25	Post Oak	Quercus stellata	Yes	Specimen, BA			6
623	19	Post Oak	Quercus stellata	Yes	BA			4
624	26	Post Oak	Quercus stellata	Yes	Specimen, OBA			
625	19	Post Oak	Quercus stellata	Yes	OBA			
626	17.5	Post Oak	Quercus stellata	Yes	BA			4
627	17.5	Post Oak	Quercus stellata	Yes	BA			4
628	15	Post Oak	Quercus stellata	Yes	BA			4
630	12	Slippery Elm	Ulmus rubra	Yes	BA	Yes	3	
632	33	Post Oak	Quercus stellata	Yes	Specimen, BA			6
633	18	Post Oak	Quercus stellata	Yes	BA			4
634	22.5	Post Oak	Quercus stellata	Yes	Specimen, BA			6
635	24	Post Oak	Quercus stellata	Yes	Specimen, BA			6
586A	18	Post Oak	Quercus stellata	Yes	BA	Yes	3	
586B	18	Post Oak	Quercus stellata	Yes	BA	Yes	3	
586C	18	Post Oak	Quercus stellata	Yes	BA	Yes	3	
587A	18	Post Oak	Quercus stellata	Yes	BA			4
587B	18	Post Oak	Quercus stellata	Yes	BA			4
588A	10.5	Post Oak	Quercus stellata	Yes	BA			2
588B	13	Post Oak	Quercus stellata	Yes	BA			4
631A	16	Post Oak	Quercus stellata	Yes	BA			4
631B	16	Post Oak	Quercus stellata	Yes	BA			4
TOTALS							373	193
TOTAL MITIGATION INCHES							373	
MITIGATION TREES							125	
CREDITS							193	
FINAL MITIGATION TREE REQUIREMENTS							-68	
TOTAL PROTECTED TREES ON SITE							74	
TOTAL SPECIMEN TREES ON SITE							15	
TOTAL PROTECTED TREES REMOVED							26	
TOTAL SPECIMENS REMOVED							6	
TOTAL INCHES REMOVED							563.5	



TREE PROTECTION



TREE PROTECTION (Specimen)



SITE PLANNING CIVIL ENGINEERING PLATING
CONSULTANTS, LLC
LAND SURVEYING LANDSCAPE ARCHITECTURE
111 Hillside Drive • Lewisville, TX 76057
P: 972.438.9712 • F: 972.438.9715
144 Old Town Blvd. North, Suite 200 • Angleton, TX 77626
P: 940.240.1012 • F: 940.240.1028
TBPES Firm No. 1798

FLOWER MOUND CHURCH OF CHRIST
Lot 1, Block A
2.026 Acres
in the
J. STEWART SURVEY ABSTRACT NO. 1161
TOWN OF FLOWER MOUND
DENTON COUNTY, TEXAS

TREE SURVEY

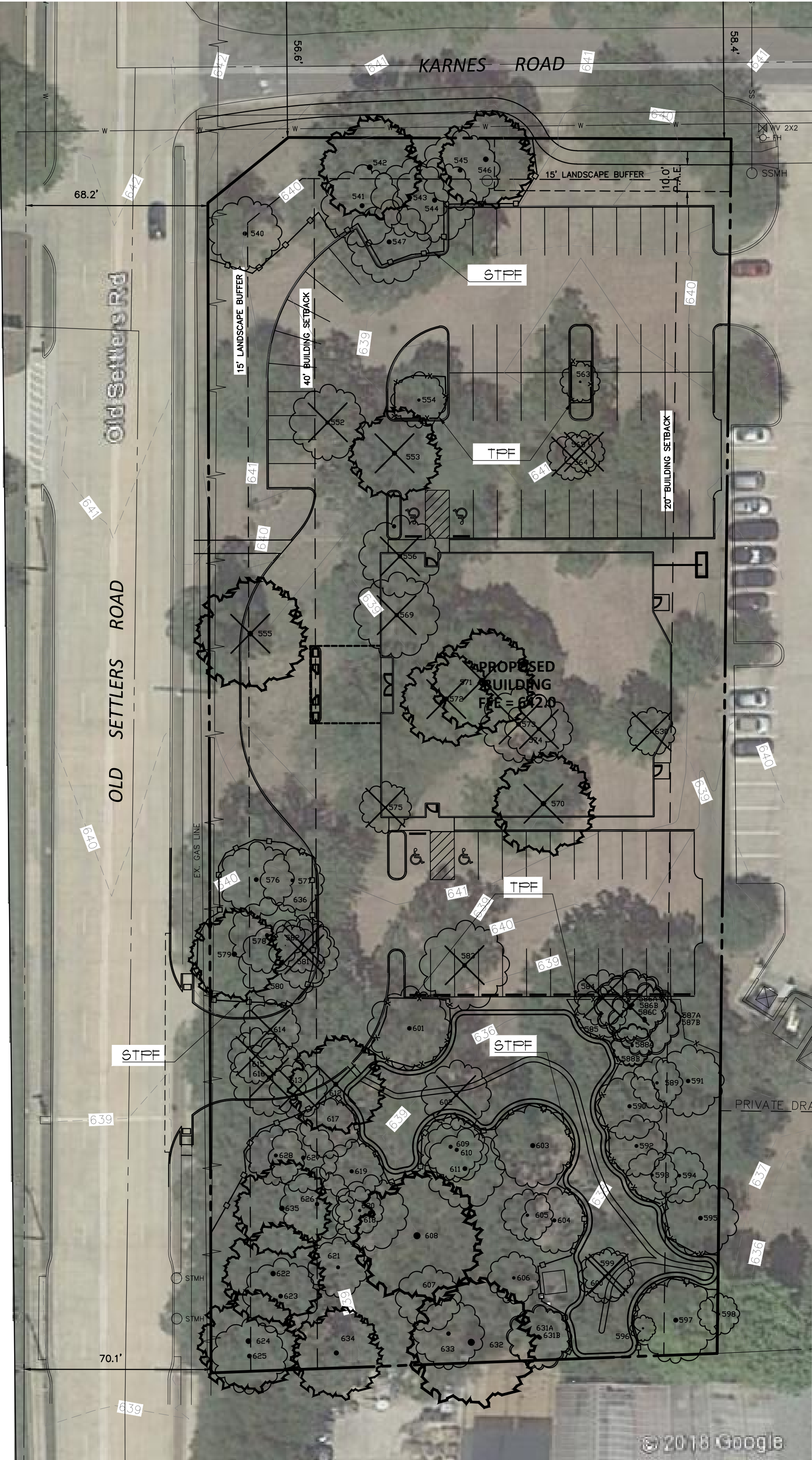
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Revisions:
02/01/2018
02/15/2018

17335

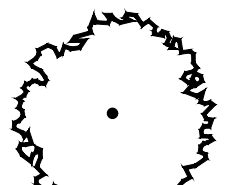
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OWNER/DEVELOPER
FLOWER MOUND CHURCH OF CHRIST
4800 WITCHITA TRAIL
FLOWER MOUND, TX
Ph. 972-898-7240
Contact: BRAD WRIGHT

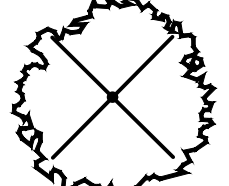
FLOWER MOUND CHURCH OF CHRIST



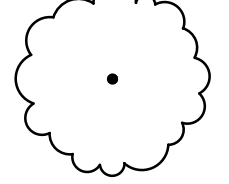
LEGEND



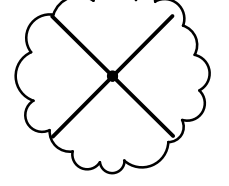
SPECIMEN TREE
TO REMAIN



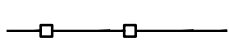
SPECIMEN TREE
TO BE REMOVED



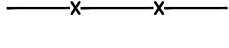
PROTECTED TREE
TO REMAIN



PROTECTED TREE
TO BE REMOVED



SPECIMEN TREE PROTECTION
FENCING (STPF)



TREE PROTECTION
FENCING (TPF)

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 area of undisturbed natural soil around a tree defined by a concentric circle with a radius in feet equal to the number of inches of trunk diameter.
- 2) TPF: Tree Protection Fence: The orange safety barrier netting that shall extend around the entire circumference of the tree at the CRZ or as shown on approved plans.

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 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 213.3.1 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) Tree 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 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 "I" 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 "drugs" 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 or sprinkler head no greater than 7 feet from a tree trunk (irrigation lines shall not in any way bisect and therefore damage the "spoke-like" root system).
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TREE CHART

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540	18.5	Post Oak	Quercus stellata	Yes	OBA			
541	20.5	Post Oak	Quercus stellata	Yes	BA			4
542	25	Post Oak	Quercus stellata	Yes	Specimen, OBA			
543	19.5	Post Oak	Quercus stellata	Yes	BA			4
544	21	Post Oak	Quercus stellata	Yes	BA	Yes	3	
545	20	Post Oak	Quercus stellata	Yes	OBA			
546	24.5	Post Oak	Quercus stellata	Yes	Specimen, OBA			
547	21	Post Oak	Quercus stellata	Yes	BA	Yes	3	
552	19	Post Oak	Quercus stellata	Yes	BA	Yes	3	
553	23.5	Post Oak	Quercus stellata	Yes	Specimen, BA	Yes	47	
554	14	Post Oak	Quercus stellata	Yes	BA			4
555	27	Pecan	Carya illinoensis	Yes	Specimen, BA	Yes	54	
556	20.5	Post Oak	Quercus stellata	Yes	BA	Yes	3	
563	10	Pecan	Carya illinoensis	Yes	BA			1
564	12	Pecan	Carya illinoensis	Yes	BA	Yes	3	
565	10.5	Pecan	Carya illinoensis	Yes	BA	Yes	3	
569	21.5	Post Oak	Quercus stellata	Yes	BA	Yes	3	
570	25.5	Post Oak	Quercus stellata	Yes	Specimen, BA	Yes	51	
571	26	Post Oak	Quercus stellata	Yes	Specimen, BA	Yes	52	
572	23	Post Oak	Quercus stellata	Yes	Specimen, BA	Yes	46	
573	19	Post Oak	Quercus stellata	Yes	BA	Yes	3	
574	17	Post Oak	Quercus stellata	Yes	BA	Yes	3	
575	13	Post Oak	Quercus stellata	Yes	BA	Yes	3	
576	19	Post Oak	Quercus stellata	Yes	BA			4
577	16	Post Oak	Quercus stellata	Yes	BA			4
578	19	Post Oak	Quercus stellata	Yes	BA			4
579	22	Post Oak	Quercus stellata	Yes	Specimen, OBA			
580	21.5	Post Oak	Quercus stellata	Yes	BA			4
581	17.5	Post Oak	Quercus stellata	Yes	BA	Yes	3	
582	14.5	Post Oak	Quercus stellata	Yes	BA	Yes	3	
583	21	Post Oak	Quercus stellata	Yes	BA	Yes	3	
584	14	Post Oak	Quercus stellata	Yes	BA	Yes	3	
585	13	Post Oak	Quercus stellata	Yes	BA			4
589	13	Post Oak	Quercus stellata	Yes	BA			4
590	17	Post Oak	Quercus stellata	Yes	BA			4
591	18	Post Oak	Quercus stellata	Yes	BA			4
592	15.5	Post Oak	Quercus stellata	Yes	BA			4
593	13	Post Oak	Quercus stellata	Yes	BA			4
594	14	Post Oak	Quercus stellata	Yes	BA			4
595	19	Post Oak	Quercus stellata	Yes	BA			4
596	6.5	Black Walnut	Juglans nigra	Yes	BA			1
597	21.5	Post Oak	Quercus stellata	Yes	BA			4
598	10.5	American Elm	Ulmus americana	Yes	BA			1
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601	21	Post Oak	Quercus stellata	Yes	BA			4
602	17.5	Post Oak	Quercus stellata	Yes	BA	Yes	3	
603	21	Post Oak	Quercus stellata	Yes	BA			4
604	16.5	Post Oak	Quercus stellata	Yes	BA			4
605	13	Post Oak	Quercus stellata	Yes	BA			4
606	13	Post Oak	Quercus stellata	Yes	BA			4
607	16.5	Post Oak	Quercus stellata	Yes	BA			4
608	32.5	Post Oak	Quercus stellata	Yes	Specimen, BA			6
609	16.5	Post Oak	Quercus stellata	Yes	BA			4
610	16	Post Oak	Quercus stellata	Yes	BA			4
611	20	Post Oak	Quercus stellata	Yes	BA			4
612	24	Post Oak	Quercus stellata	Yes	Specimen, BA	Yes	48	
613	14.5	Post Oak	Quercus stellata	Yes	BA	Yes	3	
614	15	Post Oak	Quercus stellata	Yes	BA	Yes	3	
615	14	Post Oak	Quercus stellata	Yes	BA	Yes	3	
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617	15	Post Oak	Quercus stellata	Yes	BA			4
618	19	Post Oak	Quercus stellata	Yes	BA			4
619	16	Post Oak	Quercus stellata	Yes	BA			4
620	12	Post Oak	Quercus stellata	Yes	BA			2
621	15	Post Oak	Quercus stellata	Yes	BA			4
622	25	Post Oak	Quercus stellata	Yes	Specimen, BA			6
623	19	Post Oak	Quercus stellata	Yes	BA			4
624	26	Post Oak	Quercus stellata	Yes	Specimen, OBA			
625	19	Post Oak	Quercus stellata	Yes	OBA			
626	17.5	Post Oak	Quercus stellata	Yes	BA			4
627	17.5	Post Oak	Quercus stellata	Yes	BA			4
628	15	Post Oak	Quercus stellata	Yes	BA			4
630	12	Slippery Elm	Ulmus rubra	Yes	BA	Yes	3	
632	33	Post Oak	Quercus stellata	Yes	Specimen, BA			6
633	18	Post Oak	Quercus stellata	Yes	BA			4
634	22.5	Post Oak	Quercus stellata	Yes	Specimen, BA			6
635	24	Post Oak	Quercus stellata	Yes	Specimen, BA			6
586A	18	Post Oak	Quercus stellata	Yes	BA	Yes	3	
586B	18	Post Oak	Quercus stellata	Yes	BA	Yes	3	
586C	18	Post Oak	Quercus stellata	Yes	BA	Yes	3	
587A	18	Post Oak	Quercus stellata	Yes	BA			4
587B	18	Post Oak	Quercus stellata	Yes	BA			4
588A	10.5	Post Oak	Quercus stellata	Yes	BA			2
588B	13	Post Oak	Quercus stellata	Yes	BA			4
631A	16	Post Oak	Quercus stellata	Yes	BA			4
631B	16	Post Oak	Quercus stellata	Yes	BA			4

TOTALS	373	193
TOTAL MITIGATION INCHES	373	
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TOTAL PROTECTED TREES REMOVED	26	
TOTAL SPECIMENS REMOVED	6	
TOTAL INCHES REMOVED	563.5	

INFILL FENCE W/4" OF ON-SITE
HARD WOOD BARK MULCH

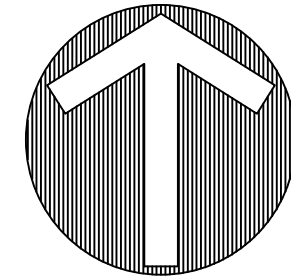
NOTE:
TREE PROTECTION FENCE MUST BE
INSTALLED BEFORE ANY GRADING OR
CONSTRUCTION BEGINS.
LANDSCAPE ARCHITECT MUST BE PRESENT
WHEN ANY WORK IS DONE WITHIN THE
TREE PROTECTION FENCE.

TREE PROTECTION

INFILL FENCE W/4" OF ON-SITE
HARD WOOD BARK MULCH

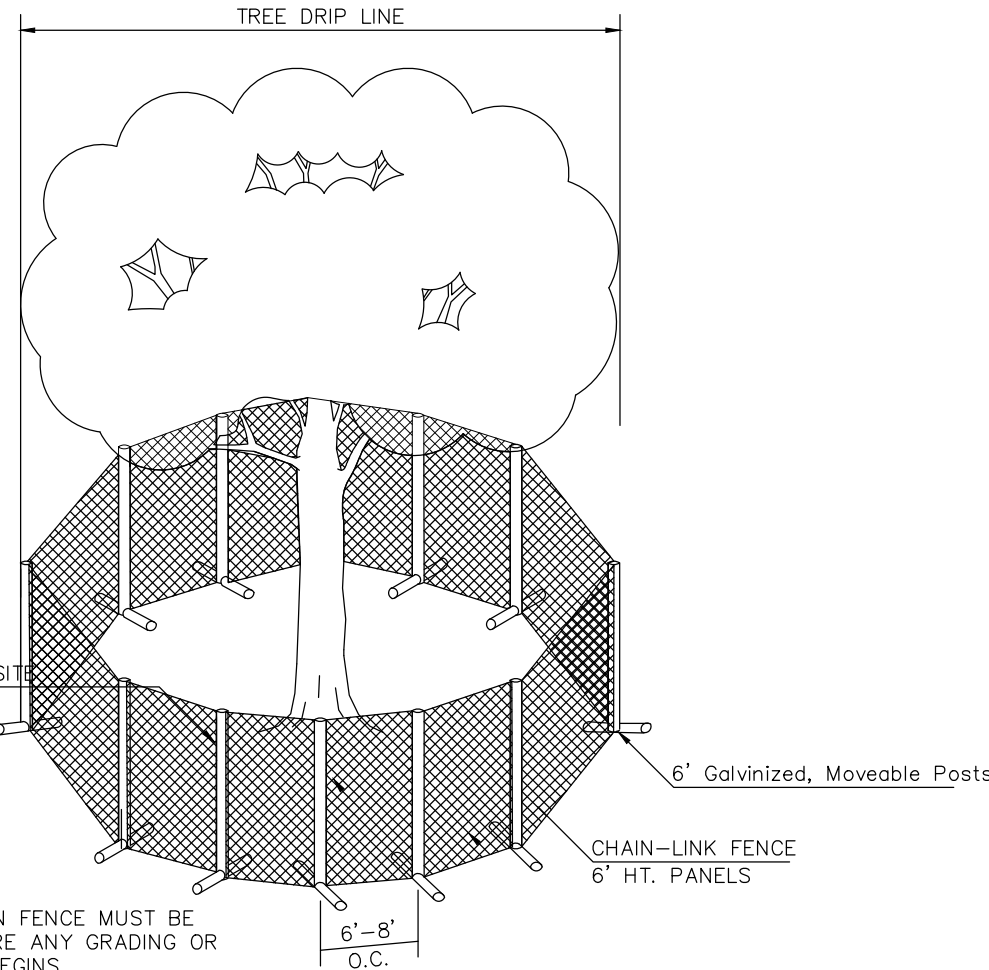
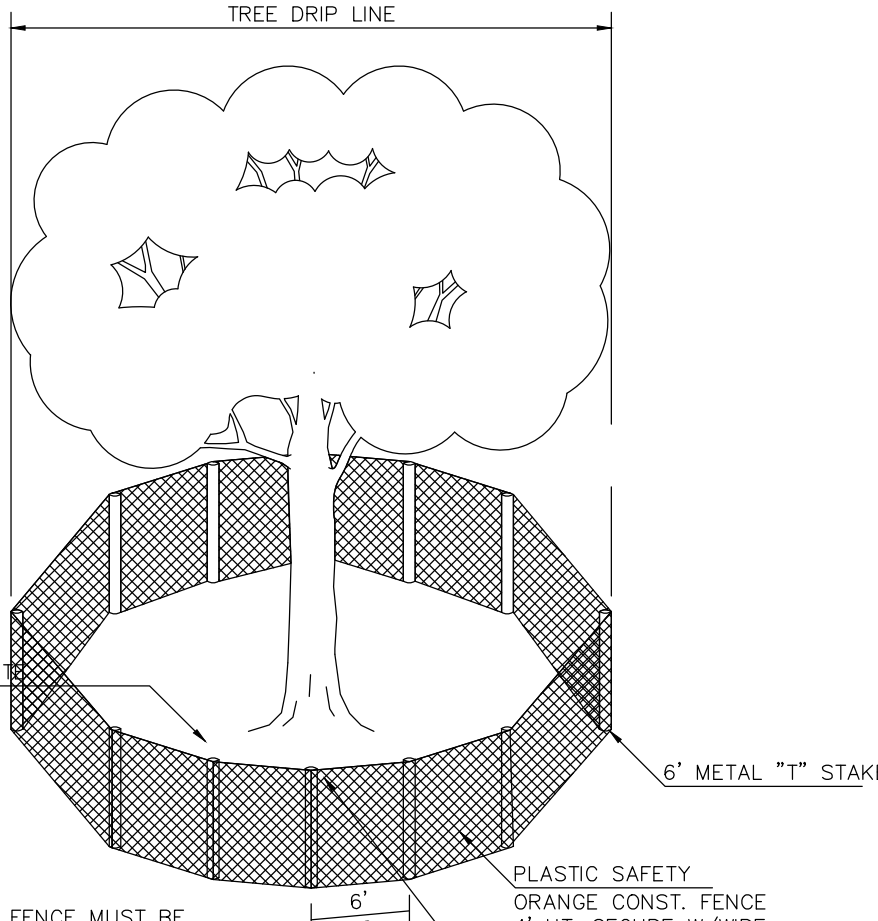
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TREE PROTECTION FENCE.

TREE PROTECTION (Specimen)

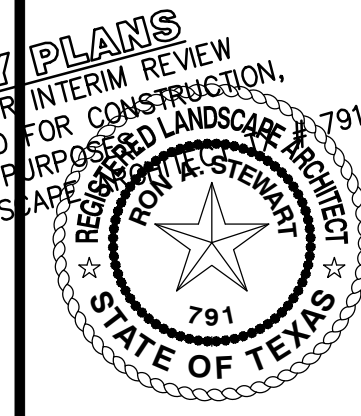


NORTH

30 0 30 60 90 Feet
SCALE: 1"=30'



PRELIMINARY PLANS
THIS DOCUMENT IS FOR INTERIM REVIEW
AND IS NOT INTENDED FOR CONSTRUCTION
BIDDING OR PERMIT PURPOSES
RON STEWART LANDSCAPE ARCHITECT
DATED 2/16/2018



Drawn By: VC
Date: 12/18/2017
Scale: 1"=30'
Revisions:
02/01/2018
02/15/2018

17335

T1.0

OWNER/DEVELOPER
FLOWER MOUND CHURCH OF CHRIST
4800 WITCHITA TRAIL
FLOWER MOUND, TX
Ph. 972-898-7240
Contact: BRAD WRIGHT

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CONSULTANTS, LLC
LAND SURVEYING LANDSCAPE ARCHITECTURE
111 Hillside Drive • Lewisville, TX 76057
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P: 940.240.1012 • F: 940.240.1028
TBPES Firm No. 1796

FLOWER MOUND CHURCH OF CHRIST
Lot 1, Block A
2,026 Acres
in the
J. STEWART SURVEY ABSTRACT NO. 1161
TOWN OF FLOWER MOUND
DENTON COUNTY, TEXAS

TREE SURVEY

FLOWER MOUND CHURCH OF CHRIST



ENVIRONMENTAL CONSERVATION COMMISSION AGENDA ITEM NO. 4

REGULAR ITEM

DATE: March 6, 2018
FROM: James Hoefert, Environmental Review Analyst
PRESENTER Ron Stewart, with G&A Consultants, LLC
ITEM: **Consider an application for a tree removal permit for two (2) specimen trees on property proposed for development as Rocky Hill Farms. The property is generally located north of Cross Timbers Road and east of Lighthouse Drive.**

BACKGROUND INFORMATION:

The Rocky Hill Farms development is generally located north of Cross Timbers Road and east of Lighthouse Drive. The site is approximately 48.706 acres in size. The site is currently master planned for the Cross Timbers Conservation Development District and is zoned for Agriculture (A) uses. According to the tree survey for the project, the site contains twelve (12) specimen trees within 50' from the centerline of a proposed road or affected by current grading. Any additional specimen trees will be identified on an individual lot basis when housing permits are submitted. The applicant is requesting to remove two (2) specimen trees from the site in order to build a residential subdivision. The two (2) specimen trees proposed for removal are both in good to fair condition and located within the proposed buildable area.

The following is a list of the two (2) specimen trees requested for removal:

Tree #39 – 24" blackjack oak (fair condition)

Tree #4457 – 23" 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. However, the two (2) specimen trees proposed for removal are both located within an area of the site designated as Upland Habitat. Therefore, the Upland Habitat mitigation fee of \$15,000/acre will be applied for the proposed removal of both specimen trees.

CITIZEN FEEDBACK: As of March 1, 2018, staff has not received feedback related to this item.

ALTERNATIVES/OPTIONS: N/A

FISCAL IMPACT: N/A

LEGAL REVIEW: N/A

ATTACHMENTS:

1. Letter from the applicant indicating the reason(s) for the tree removal permit request.
2. Specimen tree removal permit application.
3. Photograph of the specimen trees 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 two (2) specimen trees on property proposed for development as Rocky Hill Farms. The property is generally located north of Cross Timbers Road and east of Lighthouse Drive.



SITE PLANNING CIVIL ENGINEERING PLATTING
CONSULTANTS, LLC
 LAND SURVEYING LANDSCAPE ARCHITECTURE

TBPE Firm No. 1798

TBPLS Firm No. 10047700

February 21, 2018

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

Reference: Tree Removal Permit Application
 Rocky Hill Farms
 Town of Flower Mound
 Denton, Texas

Dear Mr. Hoefert;

On behalf of the owner/developer on the aforementioned property, we are requesting that (2) specimen trees (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 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: 10

TREE TAG #	CALIPER (")	COMMON NAME
485	26.5	Post Oak
3918	32	Post Oak
3921	27	Post Oak
4371	32	Post Oak
4458	24	Post Oak
4460	22	Post Oak
4466	23.5	Post Oak
4467	29.5	Post Oak
4470	22	Post Oak
4471	22.5	Post Oak

Total specimen trees off site to be removed due to grading: 2

TREE TAG #	CALIPER (")	COMMON NAME
39	24	Blackjack Oak
4457	23	Post Oak

Due to preexisting conditions, 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 taking into account all the site constraints and opportunities.

The following are the specimen trees we are requesting to be removed:

Tree #4457, 23" Post Oak & Tree #39, 24" Blackjack Oak

Thank you for your consideration.

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

Respectfully submitted,



Ron Stewart, ASLA
Landscape Architect, TX #791

Town of Flower Mound
Application for:
TREE REMOVAL PERMIT

(Effective for Developments submitted 2/17/00- present)

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

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

Name:

Don STEWART, PLA
G&W Consultants, LLC

Address:

111 Hillside Dr.
Newark TX 75057

Phone:

972-434-9712

Applicant's Legal Interest in the Property:

Landscape Architect

2. Property Owner(s)

Name(s) Michael + Mikala Sick

Address:

3. Location and Legal Description of Property:

Pink Hill Farms 48.67 acres - North of FM 117!
West of Freeman Road
East of Lighthouse

4. Owner's Authorization of Representation

I, Michael Sisk, 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 (Vegetation), of the Land Development Code of the Town of Flower Mound, Texas.



Signature of Owner



Given Under My Hand and Seal of Office

This the 21 Day of February, 2018

S. Cheyenne Rodricks
Notary Public

In and For Tarrant County, Texas.

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

Subject to criminal penalties contained in Chapter 12, Land Development Code of the Town of Flower Mound, Texas, 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 of Applicant

Landscape Architect License No. 791

State of Licensure Texas

Or ISA Certified Arborist No. _____



Given Under My Hand and Seal of Office

This the 20 Day of January, 2018

Elena Lucia Parker
Notary Public

In and For Denton County, Texas

6. Received by Town of Flower Mound on (Date) 2/22/2018 by (initials) JRH

Rocky Hill Farms -
Specimen trees proposed for removal

Tree #39 – 24" blackjack oak



Tree #4457 – 23" post oak



Tree Removal Request Signage

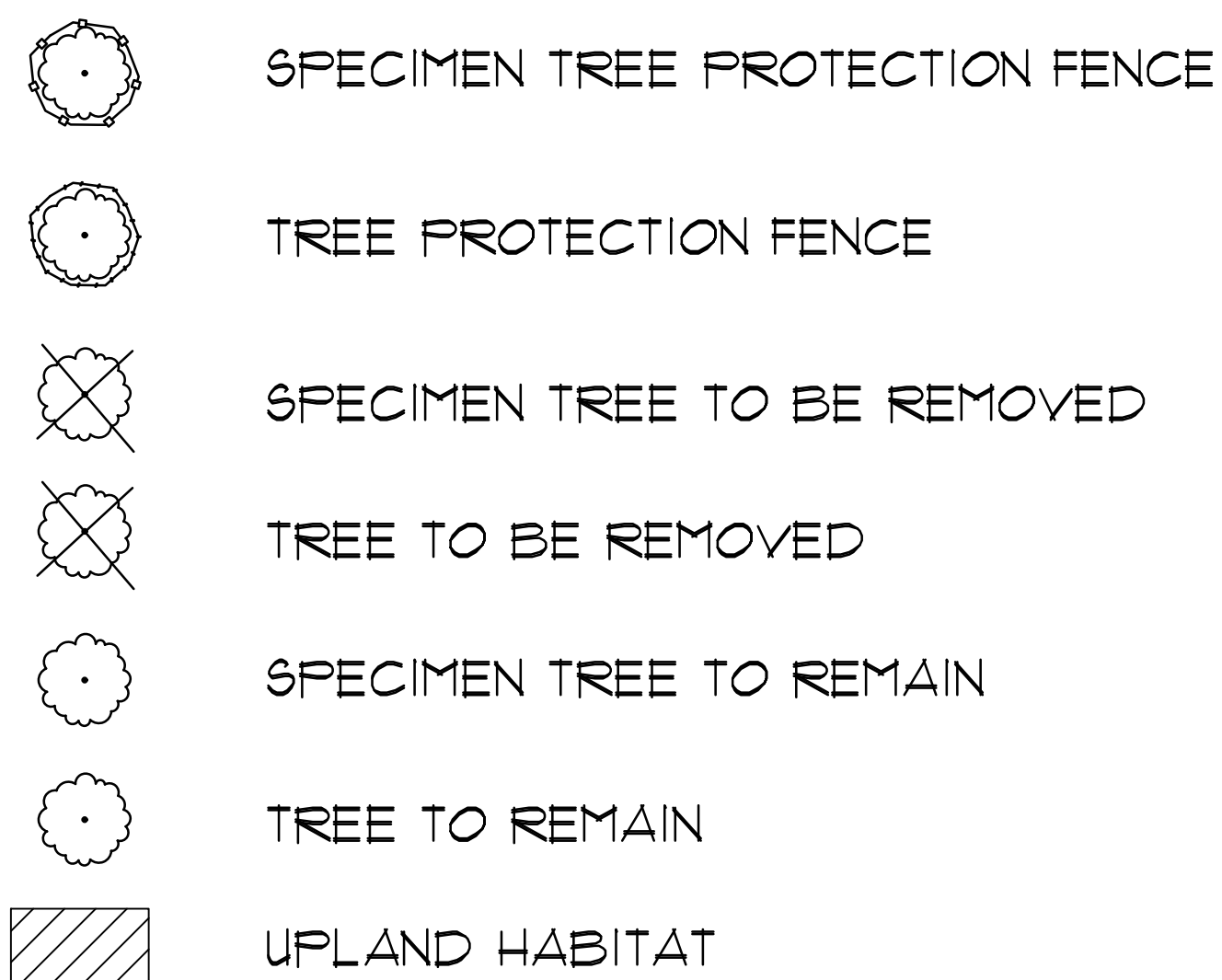
Along Freeman Road



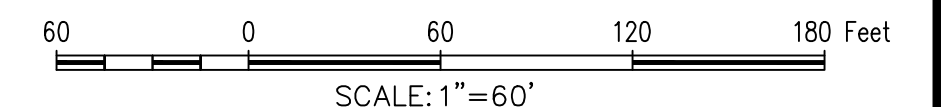
GA

TREE SURVEY

T1.0



NOTE: THERE ARE 6.56 ACRES OF UPLAND HABITAT. THE UPLAND HABITAT MITIGATION FEE WILL BE REMITTED TO THE TOWN AT THE TIME OF PRE-CON AT A RATE OF \$15,000/ACRE TOTALING, \$98,400.



OWNER/DEVELOPER
SISK FARMS, LLC
1920 E. STATE HIGHWAY 114
SOUTHLAKE, TEXAS 76092
Ph. 817.410.3800
Contact: Value

