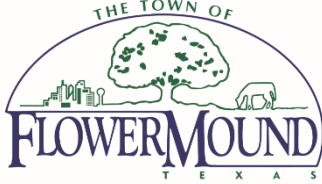


Environmental Conservation Commission



March 4, 2025
Town Hall
2121 Cross Timbers Road
Flower Mound, TX 75028

6:30 p.m.

AGENDA

A. CALL TO ORDER

B. PLEDGE OF ALLEGIANCE TO THE AMERICAN FLAG

C. PUBLIC COMMENT

The purpose of this item is to allow the public an opportunity to address the Board/Commission regarding any item on this agenda that is not a "Public Hearing." Issues regarding daily operational or administrative matters should first be dealt with by calling Town Hall at 972- 874-6000 during business hours. To speak to the Board/Commission during public comment, please fill out a comment form, which is located in the lobby of Town Hall.

In accordance with the Texas Open Meetings Act, the Board/Commission is restricted from discussing or acting on items not listed on the agenda.

- Speakers are limited to 3 minutes; a tone will sound at 30 seconds left and when time has expired, and times may be adjusted by the Chair depending on the number of speakers.
- Speakers must address their comments to the Board/Commission.
- Please state your name and address when speaking.

D. STAFF/DIRECTOR REPORT

E. PRESENTATION

1. Republic Services Green Waste Pilot Program Update

F. CONSENT ITEM(S)

This part of the agenda consists of non-controversial, or "housekeeping" items required by law. Items may be removed from Consent by any Commissioner by making such request prior to a motion and vote.

1. Minutes Approval - Consider approval of the minutes from the regular meeting of the Environmental Conservation Commission on February 4, 2025.

G. REGULAR ITEM(S)

1. TRP25-0002 Trinity Park - Consider an application for a tree removal permit (TRP25-0002) for three (3) specimen trees on the property known as Trinity Park

for the proposed development. The property is generally located south of Lakeside Parkway, east of Gerault Road, and north of Enterprise Road.

H. SUBCOMMITTEE REPORT

I. COORDINATION OF FUTURE AGENDAS/MEETINGS

J. ADJOURN

I do hereby certify that the Notice of Meeting was posted on the bulletin board at the Town Hall for the Town of Flower Mound, Texas, in a place convenient and readily accessible to the general public at all times and said Notice was also posted on the Town's website in accordance with GC Section 551.056 on the following date and time: February 28, 2025, at 9:52 a.m., at least 72 hours prior to the scheduled time of said meeting.

Hannah Perez, Administrative Assistant

The Flower Mound Town Hall and Jody Smith Hall are wheelchair accessible. Requests for accommodation or interpretive services must be made 48 hours prior to this meeting by contacting Town Hall at 972.874.6000. Additional time limits will be provided for members of the public that need to address the Town Council through a translator.

Environmental Conservation Commission



February 4, 2025
Town Hall
2121 Cross Timbers Road
Flower Mound, TX 75028

6:30 p.m.

DRAFT MINUTES

A. CALL TO ORDER

The Environmental Conservation Commission met in a regular meeting with the following members present:

Marilyn Lawson, Chair, Place 4
Alton Bowman, Vice Chair, Place 5
Anurag Sharma, Place 1
Danielle Workman, Place 2
Laura Spurlock, Place 3
Anna Athappan, Place 6
Elaine Takacs, Place 7
Alan Fullbright, Place 8 Alternate
Toni Moffitt, Place 9 Alternate
Nagesh Kunamneni, Place 10 Alternate

constituting a quorum with the following members of the Town Staff participating:

Matthew Woods, Director of Environmental Services
Jake Speckhals, Environmental Review Analyst
Kayla Lipinski, Environmental Review Analyst
Hannah Perez, Administrative Assistant

B. PLEDGE OF ALLEGIANCE TO THE AMERICAN FLAG

C. PUBLIC COMMENT

The purpose of this item is to allow the public an opportunity to address the Board/Commission regarding any item on this agenda that is not a "Public Hearing." Issues regarding daily operational or administrative matters should first be dealt with by calling Town Hall at 972- 874-6000 during business hours. To speak to the Board/Commission during public comment, please fill out a comment form, which is located in the lobby of Town Hall.

In accordance with the Texas Open Meetings Act, the Board/Commission is restricted from discussing or acting on items not listed on the agenda.

- Speakers are limited to 3 minutes; a tone will sound at 30 seconds left and when time has expired, and times may be adjusted by the Chair depending on the number of speakers.
- Speakers must address their comments to the Board/Commission.
- Please state your name and address when speaking.

Names listed below don't necessarily reflect the order in which each person spoke and all addresses are located in Flower Mound unless otherwise indicated.

	Speaker name and address	Subject (as written on the form)
1.	*Ana Von Simson, 6520 Sunset Trail.	N/A
2.	*Mr. Terry Duprie, 7004 Woodridge Dr.	TRP24
3.	*Beverly Morriss, 6916 Hidden Valley.	N/A
4.	Abigayle Farrier, 6604 Sunset Trail.	TRP24
5.	*Andrew Farrier, 6604 Sunset Trail.	TRP24
6.	*Duwaine Joiner, 615 Raintree Ct.	TRP24-0012
7.	Jeannie Farrier, 6604 Sunset Trail.	Drainage of Stormwater
8.	Alison Lumbatis, 2955 Surveyors Ln.	TRP24-0012
9.	Nancy Procter, 3414 Ridgecrest Dr.	Stormwater Drainage
10.	Cheryl Hurst, 3208 Ridgecrest Dr.	TRP24
11.	Wendell Gamble, 3406 Ridgecrest.	Excessive Water Run-off in Backyard
12.	Lucille Delvecchio, 7003 Woodridge.	Cross Tmbers Conservation District
13.	Philip Delvecchio, 7003 Woodridge.	Drainage & TRP24
14.	Cris Von Simson, 6520 Sunset Trail.	TRP24
15.	*Carmen Ault, 3514 Ridgecrest Dr.	Tree Removal
16.	*Barbara Bell, 6900 Sunset Trail.	Tree Removal
17.	Sweety Bowman, 6524 Orchard Dr.	TRP24-0012
18.	*Susan Bodeomiller, 7007 Woodridge Dr.	TRP24
19.	*Ms. Terry Duprie, 7004 Woodridge Dr.	TRP24

20.	*Kathy Ratcliff, 2801 Surveyors Ln.	N/A
21.	*Sam Huniu, 3414 Ridgecrest Dr.	TRP24

* Indicates person did not wish to speak

D. STAFF/DIRECTOR REPORT

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

E. CONSENT ITEM(S)

This part of the agenda consists of non-controversial, or “housekeeping” items required by law. Items may be removed from Consent by any Commissioner by making such request prior to a motion and vote.

1. Minutes Approval - Consider approval of the minutes from the regular meeting of the Environmental Conservation Commission on December 3, 2024.

ACTION: Commission Member Takacs moved to approve E.1. as presented in the agenda caption. Commission Member Athappan seconded the motion.

AYES: Anurag Sharma, Danielle Workman, Laura Spurlock, Alton Bowman, Annaprabha Athappan, Elaine Takacs

NAYS: None

ABSTAIN: None

RESULT: 6 : 0

F. REGULAR ITEM(S)

1. TRP24-0012 - Knight's Landing - Consider an application for a tree removal permit (TRP24-0012) for two (2) specimen trees on the property known as Knight's Landing for the proposed development. The property is generally located south of Sunset Trail, west of Rocky Point Road, and east of Surveyors Lane.

Staff Presenter

Jake Speckhals, Environmental Review Analyst, gave a presentation with the following items included and answered questions:

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

- Motion/Recommendation

Applicant Presenter

Jacob Sumpter, President, MMA

519 East Border St, Arlington, TX, 76010

Gave a presentation and answered questions on the proposed specimen trees.

ACTION: Commission Member Athappan moved to recommend the denial of the removal of specimen trees #2154 and #2423. Commission Member Sharma seconded the motion.

AYES: Anurag Sharma, Danielle Workman, Laura Spurlock, Alton Bowman, Annaprabha Athappan, Elaine Takacs

NAYS: None

ABSTAIN: None

RESULT: 6 : 0

G. FUTURE AGENDA ITEM(S)

The purpose of this item is to allow the members an opportunity to bring forward items they wish to discuss at a future meeting.

H. COORDINATION OF CALENDARS

ECC members and staff discussed possible future agenda items.

I. ADJOURN

Chair Lawson adjourned the meeting at 8:09 p.m. on February 4 and all were in favor.



ENVIRONMENTAL CONSERVATION COMMISSION AGENDA G.1. REGULAR ITEM(S)

DATE: March 4, 2025
FROM: Jake Speckhals, Environmental Review Analyst
ITEM: **Consider an application for a tree removal permit (TRP25-0002) for three (3) specimen trees on the property known as Trinity Park for the proposed development. The property is generally located south of Lakeside Parkway, east of Gerault Road, and north of Enterprise Road.**

BACKGROUND: Trinity Park is generally located south of Lakeside Parkway, east of Gerault Road, and north of Enterprise Road. The site is approximately 3.92 acres in size and is zoned for Campus Industrial (CI) uses as part of Planned Development District No. 83 (PD-83).

A tree survey conducted for this project identified a total of four (4) specimen trees on this site. The applicant is requesting approval for the removal of three (3) specimen trees to facilitate the development of warehouse and office space. The specimen trees proposed for removal are in good to fair condition and situated within the proposed buildable area.

The following is a list of the three (3) specimen trees being requested for removal:

- Tree #3827 – 22.5" post oak (good condition)
- Tree #3935 – 25" cedar elm (multi-trunk fair condition)
- Tree #3953 – 39.5" post oak (multi-trunk, good condition)

In accordance with the Town's tree ordinance, the removal of specimen trees requires mitigation at a rate of twice their caliper inches. Based on their combined size, 174" of replacement trees, equaling fifty-eight (58) three-inch caliper trees, will be required for the three (3) specimen trees being requested for removal on this site. Additionally, any protected trees removed from the buildable area will require one-to-one replacement. Mitigation may be accomplished by paying the applicable fee, planting mitigation trees, or through a combination of planting trees and paying the required fee.

BOARD REVIEW/CITIZEN FEEDBACK: As of February 27, 2025, staff has not received feedback related to this item.

ALTERNATIVES: N/A

FISCAL IMPACT: N/A

LEGAL REVIEW: N/A

ATTACHMENTS:

1. Letter of Intent
2. Tree Removal Application

3. Pictures of Specimen Trees Requested for Removal
4. Tree Survey
5. Onsite Signage

DRAFT MOTION: Move to recommend approval, approval with conditions, or denial of the requested permit for the removal of three (3) specimen trees on property known as Trinity Park. The property is generally located south of Lakeside Parkway, east of Gerault Road, and north of Enterprise Road.



LETTER OF INTENT

2/21/2025

Planning Services Division
Town of Flower Mound
2121 Cross Timbers Rd
Flower Mound, TX 75028

To whom it may concern:

ClayMoore Engineering is submitting this Tree Removal Application on behalf of the owner. The proposed development will serve as warehouse and office space, both maintained by one owner. The site is 3.92 acres of undeveloped land with no overhead electric lines. It is zoned CI – Campus Industrial within Planned Development 83. Proposed square footage is 48,189 sf, will be constructed in one phase and will require a replat to vacate and rededicate easements.

Descriptions and pictures of the specimen trees to be removed have been included herein. Please review all of the information at your earliest convenience. Should you have questions or need additional information please do not hesitate to contact me at 817-281-0572 or Clay@ClayMooreEng.com.

Sincerely,

A handwritten signature in black ink, appearing to read "Clay Cristy". The signature is stylized with a large, looped "C" and a long, sweeping "y".

Clay Cristy, P.E.

Specimen Tree #3827

DBH: 22.5

Common Name: Post Oak

Reason for removal: Located within the proposed building/construction footprint



Specimen Tree #3935

DBH: 25

Common Name: Cedar Elm

Reason for removal: Located within the proposed building/construction footprint





Specimen Tree #3953

DBH: 39.5

Common Name: Post Oak

Reason for removal: Located within the proposed building/construction footprint





Town of Flower Mound Environmental Services
Mailing Address: 2121 Cross Timbers Road, Flower Mound, TX 75028
Telephone: 972-874-6340 Website: www.flower-mound.com

TREE REMOVAL PERMIT

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

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

This application is required to be submitted 30 days prior to the next available ECC hearing.

1. Applicant- Note: Must be an ISA certified arborist, certified forester, or a registered landscape architect.

Name:

[Evergreen Design Group](#)

Address:

[1340 Environ Way, Chapel Hill, NC 27515](#)

Phone:

[800-680-6630](#)

Applicant's Legal Interest in the Property:

[Owner's design consultant](#)

2. Property Owner(s)

Name(s): [Dog Gun Investments, LLC](#)

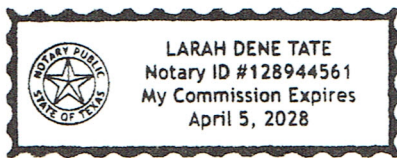
Address: [1807 Keller Pkwy, Suite 200, Keller, TX 76248](#)

3. Location and Legal Description of Property:

[being a replat of lot 3r-4, block a, lakeside ranch business park, an addition to the town of flower mound, denton and tarrant county, texas, according to the plat recorded in document number 2016-2105 of the plat records of tarrant county, texas, and being 3.919 acres of land in the john knight survey, abstract number 722, an addition in the town of flower mound, denton county, texas.](#)

4. Owner's Authorization of Representation

I, Dog Gun Investments, LLC, the owner of the above described real property, do hereby authorize Evergreen Design Group to represent my interests and to file an Application for Tree Removal Permit for said real property, pursuant to the terms and provisions of Chapter 94 (Trees), of the Land Development Regulations of the Town of Flower Mound, Texas Code of Ordinances.



[Signature]
Signature of Owner

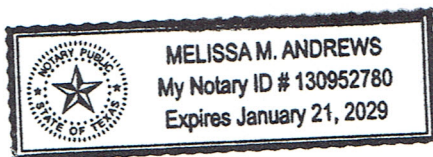
Given Under My Hand and Seal of Office
This the 5 Day of February, 2025

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

5. Applicants Affidavit- Note: Applicant must be an ISA certified arborist, certified forester, or a registered landscape architect.

Subject to criminal penalties contained in Subpart B, the Land Development Regulations of the Town of Flower Mound, Texas Code of Ordinances, I Evergreen Design Group, 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. 3470
State of Licensure TEXAS
Or ISA Certified Arborist No. _____
Or Certified Forester No. _____

Given Under My Hand and Seal of Office
This the 5 Day of February, 2025

Melissa M. Andrews
Notary Public
In and For Tarrant County, Texas

6. Received by Town of Flower Mound on (Date) 2/5/2025 by
(initials) js.

7. REQUIRED SUBMITTALS CHECKLIST

- a. A \$250 Administrative fee per Specimen or Historic Tree proposed for removal, not to exceed a total of \$1,000 per permit application.
- b. A \$200 fee is required for each Tree Removal Request sign that is made by the Town. The sign(s) must be placed on the property 15 days prior to the ECC hearing that the item is scheduled for on the agenda. Signs shall be placed perpendicular to the street and clearly visible. There shall be one sign for each 500ft of street frontage.
- c. One (1) electronic copy of this application signed and notarized.
- d. One (1) electronic copy of the site plan, development plan, or concept plan or landscape plan where applicable.
- e. One (1) electronic copy of the Tree Survey drawn to the largest practical scale and indicating the items as required by the Town's Tree Ordinance.
- f. One (1) electronic copy of 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).
- g. One (1) electronic copy of a photograph for each tree requiring a tree removal permit, which is proposed for removal.
- h. One (1) electronic copy of a written document fully explaining the reasons for removal of the Protected, Specimen or Historic tree (LOI).

Tree #3827



Tree #3935



Tree #3953





THERE ARE FOUR SPECIMEN TREES ON SITE:
 3716 - 23" POST OAK - RECEIVES 6 CREDITS FOR PRESERVATION.
 3827 - 22.5" POST OAK. MITIGATION = $22.5 \times 2 = 45$ " OF MITIGATION
 3935 - 25" CEDAR ELM. MITIGATION = $25 \times 2 = 50$
 3953 - 39.5" POST OAK. MITIGATION = $39.5 \times 2 = 79$ "
 $45" + 50" + 79" / 3 = 58$ DEBITS FOR SPECIMEN TREES (OR $58 \times 600 = 34800$)
 6 PRESERVATION CREDITS (OR $6 \times 600 = 3600$) FOR TREE 3716 BEING PRESERVED.
 TOTAL SPECIMEN DEBITS (52 OR 34200)

236 REQUIRED MITIGATION TREES TO BE PAID CASH-IN-LIEU

TOTAL MITIGATION IS 227 DEBITS FOR PROTECTED TREES + 58 DEBITS FOR SPECIMEN TREES – 6 CREDITS FOR SPECIMEN TREE 3716 – 4 CREDITS FOR TREE 3709 – 1 CREDIT FOR 3712 – 1 CREDIT FOR TREE 3713 – 4 CREDITS FOR 3717 – 2 CREDITS FOR TREE 3718 AND – 1 CREDIT FOR TREE 3719.

227 + 58 – 19 CREDITS = 236 X 600 = \$141,600 OWED IN MITIGATION.

POOR AND VERY POOR CONDITION TREES HAVE BEEN EXCLUDED

224 - EXISTING PROTECTED TREES TO BE REMOVED

18 - EXISTING PROTECTED TREES TO BE RETAINED

1 - EXISTING SPECIMEN TREE TO BE RETAINED

3 - EXISTING SPECIMEN TREES TO BE REMOVED

4' ORANGE MESH TREE PROTECTIVE FENCING
6' CHAIN LINK TREE PROTECTIVE FENCING - FOR SPECIMEN TREES



TRINITY PARK
301 LAKESIDE PKWY
FLOWER MOUND, TX 75028

No	DATE	REVISION	BY

TREE SURVEY

DESIGN:	EMS
DRAWN:	EMS
CHECKED:	SS
DATE:	07/26/2024
SHEET	
TD-1	
File No.	2024-064

TREE PROTECTION SPECIFICATIONS

MATERIALS

1. FABRIC: 4 FOOT HIGH (6' CHAIN LINK FOR SPECIMEN TREES) ORANGE PLASTIC FENCING AS SHOWN ON THE PLANS AND SHALL BE WOVEN WITH 2 INCH MESH OPENINGS SUCH THAT IN A VERTICAL DIMENSION OF 23 INCHES ALONG THE DIAGONALS OF THE OPENINGS THERE SHALL BE AT LEAST 7 MESHES.
2. POSTS: POSTS SHALL BE A MINIMUM OF 72 INCHES LONG (96 INCHES FOR SPECIME TREES) AND STEEL "T" SHAPED WITH A MINIMUM WEIGHT OF 1.3 POUNDS PER LINEAR FOOT.
3. THE WIRE: WIRE FOR ATTACHING THE FABRIC TO THE T-POSTS SHALL BE NOT LESS THAN NO. 12 GAUGE GALVANIZED WIRE.
4. USED MATERIALS: PREVIOUSLY-USED MATERIALS, MEETING THE ABOVE REQUIREMENTS AND WHEN APPROVED BY THE OWNER, MAY BE USED.

CONSTRUCTION METHODS

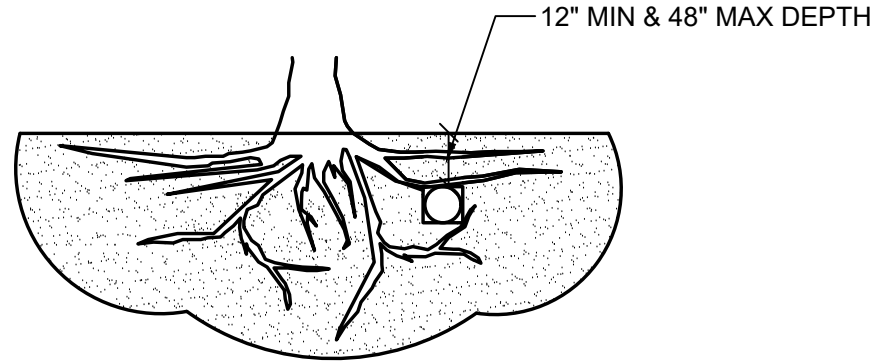
1. ALL TREES AND SHRUBS SHOWN TO REMAIN WITHIN THE PROXIMITY OF THE CONSTRUCTION SITE SHALL BE PROTECTED PRIOR TO BEGINNING ANY DEVELOPMENT ACTIVITY.
2. EMPLOY THE SERVICES OF AN ISA (INTERNATIONAL SOCIETY OF ARBORICULTURE) CERTIFIED ARBORIST AND OBTAIN ALL REQUIRED PERMITS TO PRUNE THE EXISTING TREES FOR CLEANING, RAISING AND THINNING, AS MAY BE REQUIRED.
3. PROTECTIVE FENCING SHALL BE ERECTED OUTSIDE THE CRITICAL ROOT ZONE (CRZ, EQUAL TO 1' FROM THE TRUNK FOR EVERY 1" OF DBH) AT LOCATIONS SHOWN IN THE PLANS OR AS DIRECTED BY THE LANDSCAPE CONSULTANT AND/OR CITY ARBORIST, AND IN ACCORDANCE WITH THE DETAILS SHOWN ON THE PLANS. FENCING SHALL BE MAINTAINED AND REPAIRED BY THE CONTRACTOR DURING SITE CONSTRUCTION. TREES IN CLOSE PROXIMITY SHALL BE FENCED TOGETHER, RATHER THAN INDIVIDUALLY.
4. PROTECTIVE FENCE LOCATIONS IN CLOSE PROXIMITY TO STREET INTERSECTIONS OR DRIVES SHALL ADHERE TO THE APPLICABLE JURISDICTION'S SIGHT DISTANCE CRITERIA.
5. THE PROTECTIVE FENCING SHALL BE ERECTED BEFORE SITE WORK COMMENCES AND SHALL REMAIN IN PLACE DURING THE ENTIRE CONSTRUCTION PHASE.
6. THE INSTALLATION POSTS SHALL BE PLACED EVERY 6 FEET ON CENTER AND EMBEDDED TO 18 INCHES DEEP. MESH FABRIC SHALL BE ATTACHED TO THE INSTALLATION POSTS BY THE USE OF SUFFICIENT WIRE TIES TO SECURELY FASTEN THE FABRIC TO THE T-POSTS TO HOLD THE FABRIC IN A STABLE AND UPRIGHT POSITION.
7. WITHIN THE CRZ:
 - a. DO NOT CLEAR, FILL OR GRADE IN THE CRZ OF ANY TREE.
 - b. DO NOT STORE, STOCKPILE OR DUMP ANY JOB MATERIAL, SOIL OR RUBBISH UNDER THE SPREAD OF THE TREE BRANCHES.
 - c. DO NOT PARK OR STORE ANY EQUIPMENT OR SUPPLIES UNDER THE TREE CANOPY.
 - d. DO NOT SET UP ANY CONSTRUCTION OPERATIONS UNDER THE TREE CANOPY (SUCH AS PIPE CUTTING AND THREADING, MORTAR MIXING, PAINTING OR LUMBER CUTTING).
 - e. DO NOT NAIL OR ATTACH TEMPORARY SIGNS METERS, SWITCHES, WIRES, BRACING OR ANY OTHER ITEM TO THE TREES.
 - f. DO NOT PERMIT RUNOFF FROM WASTE MATERIALS INCLUDING SOLVENTS, CONCRETE WASHOUTS, ASPHALT TACK COATS (MC-30 OIL), ETC. TO ENTER THE CRZ. BARRIERS ARE TO BE PROVIDED TO PREVENT SUCH RUNOFF SUBSTANCES FROM ENTERING THE CRZ WHENEVER POSSIBLE, INCLUDING IN AN AREA WHERE RAIN OR SURFACE WATER COULD CARRY SUCH MATERIALS TO THE ROOT SYSTEM OF THE TREE.
8. ROUTE UNDERGROUND UTILITIES TO AVOID THE CRZ. IF DIGGING IS

UNAVOIDABLE, BORE UNDER THE ROOTS, OR HAND DIG TO AVOID SEVERING THEM.

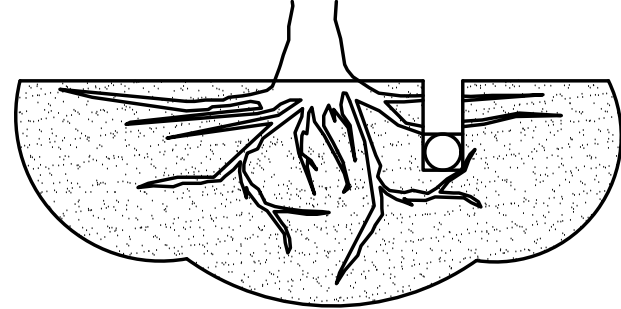
9. WHERE EXCAVATION IN THE VICINITY OF TREES MUST OCCUR, SUCH AS FOR IRRIGATION INSTALLATION, PROCEED WITH CAUTION, AND USING HAND TOOLS ONLY.
10. THE CONTRACTOR SHALL NOT CUT ROOTS LARGER THAN ONE INCH IN DIAMETER WHEN EXCAVATION OCCURS NEAR EXISTING TREES. ALL ROOTS LARGER THAN ONE INCH IN DIAMETER ARE TO BE CUT CLEANLY, FOR OAKS ONLY. ALL WOUNDS SHALL BE PAINTED WITH WOUND SEALER WITHIN 30 MINUTES
11. REMOVE ALL TREES, SHRUBS OR BUSHES TO BE CLEARED FROM PROTECTED ROOT ZONE AREAS BY HAND.
12. TREES DAMAGED OR KILLED DUE TO CONTRACTOR'S NEGLIGENCE DURING CONSTRUCTION SHALL BE MITIGATED AT THE CONTRACTOR'S EXPENSE AND TO THE PROJECT OWNER'S AND LOCAL JURISDICTION'S SATISFACTION.
13. ANY TREE REMOVAL SHALL BE APPROVED BY THE OWNER AND LOCAL JURISDICTION PRIOR TO ITS REMOVAL, AND THE CONTRACTOR SHALL HAVE ALL REQUIRED PERMITS FOR SUCH ACTIVITIES.
14. COVER EXPOSED ROOTS AT THE END OF EACH DAY WITH SOIL, MULCH OR WET BURLAP.
15. IN CRITICAL ROOT ZONE AREAS THAT CANNOT BE PROTECTED DUING CONSTRUCTION AND WHERE HEAVY TRAFFIC IS ANTICIPATED, COVER THE SOIL WITH EIGHT INCHES OF ORGANIC MULCH TO MINIMIZE SOIL COMPACTION. THIS EIGHT INCH DEPTH OF MULCH SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
16. WATER ALL TREES IMPACTED BY CONSTRUCTION ACTIVITIES, DEEPLY ONCE A WEEK DURING PERIODS OF HOT DRY WEATHER. SPRAY TREE CROWNS WITH WATER PERIODICALLY TO REDUCE DUST ACCUMULATION ON THE LEAVES.
17. WHEN INSTALLING CONCRETE ADJACENT TO THE ROOT ZONE OF A TREE, USE A PLASTIC VAPOR BARRIER BEHIND THE CONCRETE TO PROHIBIT LEACHING OF LIME INTO THE SOIL.
18. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL TREE PROTECTION FENCING WHEN ALL THREATS TO THE EXISTING TREES FROM CONSTRUCTION-RELATED ACTIVITIES HAVE BEEN REMOVED.

TREES THAT ARE MARKED TO BE PRESERVED ON A SITE PLAN AND FOR WHICH UTILITIES MUST PASS TROUGH THEIR ROOT PROTECTION ZONES MAY REQUIRE TUNNELING AS OPPOSED TO OPEN TRENCHES. THE DECISION TO TUNNEL WILL BE DETERMINED ON A CASE BY CASE BASIS BY THE ENGINEER.

TUNNELS SHALL BE DUG THROUGH THE ROOT PROTECTION ZONE IN ORDER TO MINIMIZE ROOT DAMAGE.



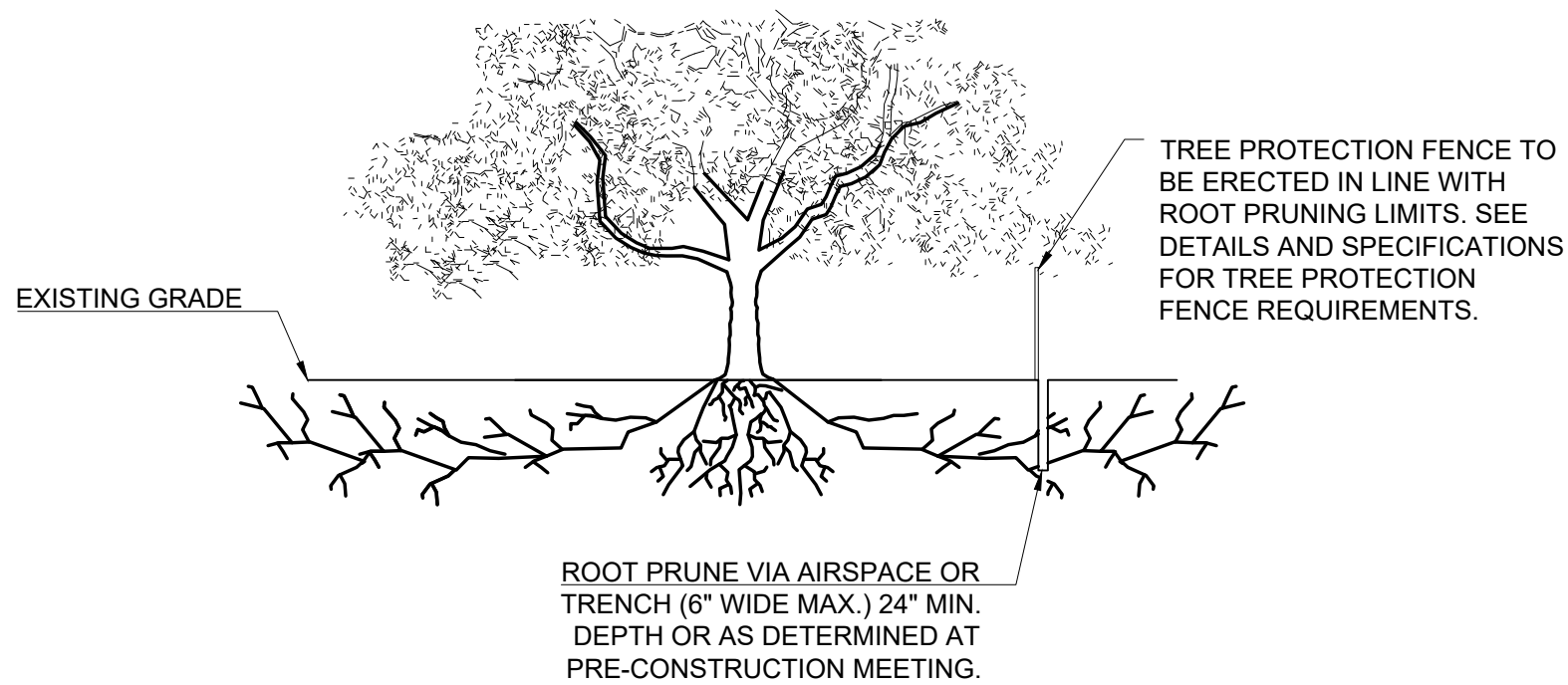
TUNNEL TO MINIMIZE ROOT DAMAGE (TOP) AS OPPOSED TO SURFACE-DUG TRENCHES IN ROOT PROTECTION ZONE WHEN THE 5' MINIMUM DISTANCE FROM TRUNK CAN NOT BE ACHIEVED.



OPEN TRENCHING MAY BE USED IF EXPOSED TREE ROOTS DO NOT EXCEED 3" OR ROOTS CAN BE BENT BACK.

C BORING THROUGH ROOT PROTECTION ZONE
SCALE: NOT TO SCALE

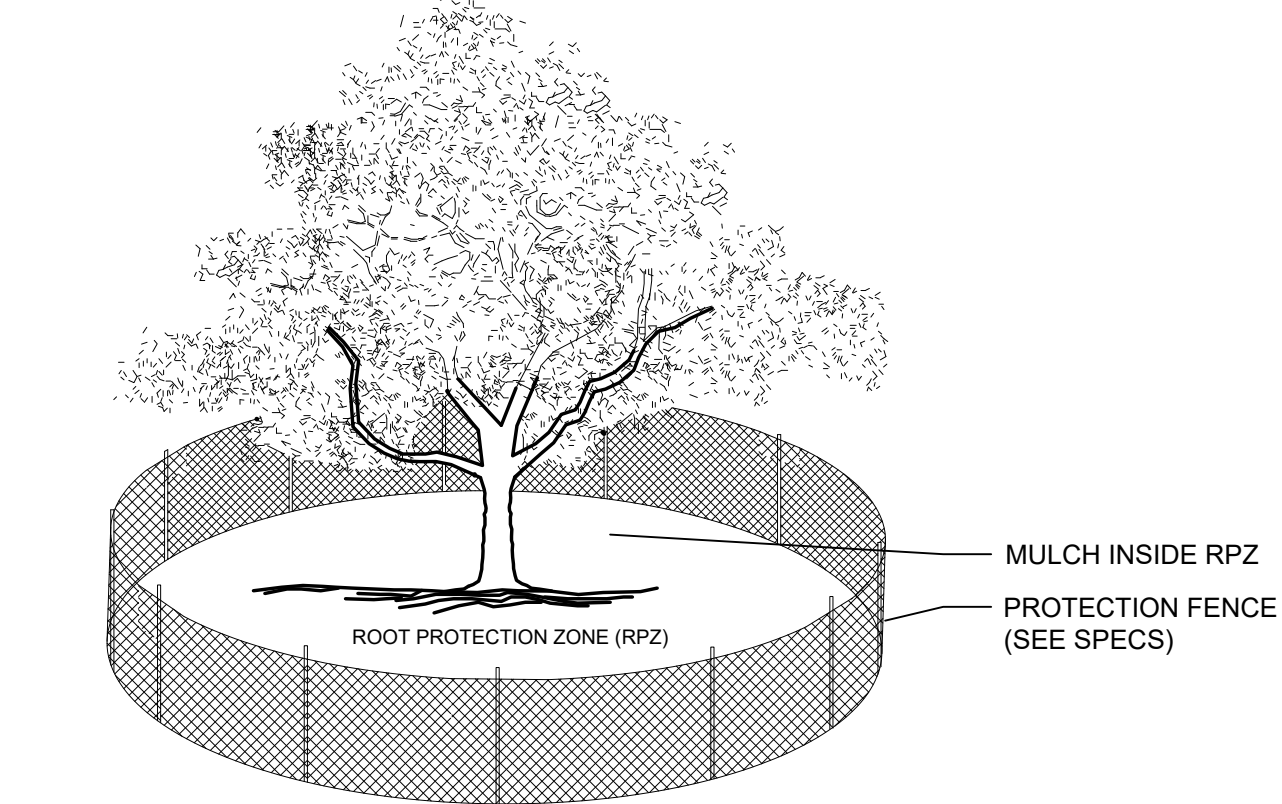
- NOTES
1. RETENTION AREAS WILL BE SET AS PART OF THE REVIEW PROCESS AND PRE-CONSTRUCTION MEETING.
 2. BOUNDARIES OF RETENTION AREAS MUST BE STAKED AT THE PRE-CONSTRUCTION MEETING AND FLAGGED PRIOR TO ROOT PRUNING.
 3. EXACT LOCATION OF ROOT PRUNING SHALL BE DETERMINED IN THE FIELD IN COORDINATION WITH THE FORESTRY INSPECTOR.
 4. TRENCH SHOULD BE IMMEDIATELY BACKFILLED WITH EXCAVATED SOIL OR OTHER ORGANIC SOIL AS SPECIFIED PER PLAN OR BY THE FORESTRY INSPECTOR.
 5. ROOTS SHALL BE CLEANLY CUT USING VIBRATORY KNIFE OR OTHER ACCEPTABLE EQUIPMENT. ROT PRUNING METHODS AND MEANS MUST BE IN ACCORDANCE WITH ANSI STANDARD A3000.
 6. ALL PRUNING MUST BE EXECUTED AT LOD SHOWN ON PLANS OR AS AUTHORIZED IN WRITING BY THE FORESTRY INSPECTOR.
 7. SUPPLEMENTAL WATERING MAY BE REQUIRED FOR ROOT PRUNED TREES THROUGHOUT THE GROWING SEASON DURING CONSTRUCTION AND SUBSEQUENT WARRANTY AND MAINTENANCE PERIOD.



D ROOT PRUNING DETAIL
SCALE: NOT TO SCALE

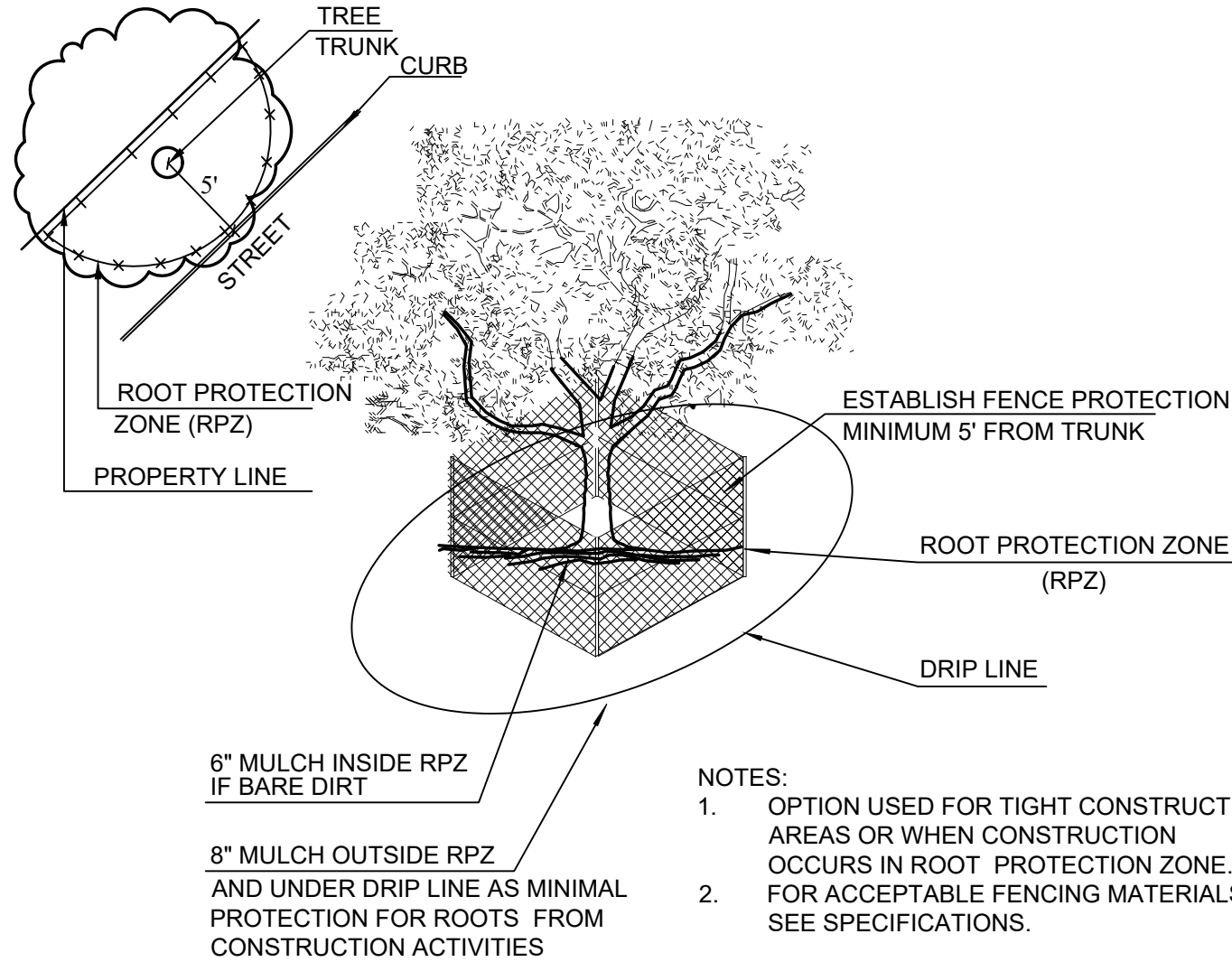
TREE PROTECTION GENERAL NOTES

- (A) PRIOR TO THE LAND CLEARING STAGE OF DEVELOPMENT, THE CONTRACTOR SHALL CLEARLY MARK ALL PROTECTED TREES FOR WHICH A TREE REMOVAL PERMIT HAS NOT BEEN ISSUED AND SHALL ERECT BARRIERS FOR THE PROTECTION OF THE TREES ACCORDING TO THE FOLLOWING:
- (1) AROUND AN AREA AT OR GREATER THAN A SIX-FOOT RADIUS OF ALL SPECIES OF MANGROVES AND PROTECTED CABBAGE PALMS;
 - (2) AROUND AN AREA AT OR GREATER THAN THE FULL DRIPLINE OF ALL PROTECTED NATIVE PINES;
 - (3) AROUND AN AREA AT OR GREATER THAN TWO-THIRDS OF THE DRIPLINE OF ALL OTHER PROTECTED SPECIES.
- (B) NO PERSON SHALL ATTACH ANY SIGN, NOTICE OR OTHER OBJECT TO ANY PROTECTED TREE OR FASTEN ANY WIRES, CABLES, NAILS OR SCREWS TO ANY PROTECTED TREE IN ANY MANNER THAT COULD PROVE HARMFUL TO THE PROTECTED TREE, EXCEPT AS NECESSARY IN CONJUNCTION WITH ACTIVITIES IN THE PUBLIC INTEREST.
- (C) DURING THE CONSTRUCTION STAGE OF DEVELOPMENT, THE CONTRACTOR SHALL NOT CAUSE OR PERMIT THE CLEANING OF EQUIPMENT OR MATERIAL WITHIN THE OUTSIDE PERIMETER OF THE CROWN (DRIPLINE) OR ON THE NEARBY GROUND OF ANY TREE OR GROUP OF TREES WHICH IS TO BE PRESERVED. WITHIN THE OUTSIDE PERIMETER OF THE CROWN (DRIPLINE) OF ANY TREE OR ON NEARBY GROUND, THE CONTRACTOR SHALL NOT CAUSE OR PERMIT STORAGE OF BUILDING MATERIAL AND/OR EQUIPMENT, OR DISPOSAL OF WASTE MATERIAL SUCH AS PAINTS, OIL, SOLVENTS, ASPHALT, CONCRETE, MORTAR OR ANY OTHER MATERIAL HARMFUL TO THE LIFE OF THE TREE.
- (D) NO PERSON SHALL PERMIT ANY UNNECESSARY FIRE OR BURNING WITHIN 30 FEET OF THE DRIPLINE OF A PROTECTED TREE.
- (E) ANY LANDSCAPING ACTIVITIES WITHIN THE BARRIER AREA SHALL BE ACCOMPLISHED WITH HAND LABOR.
- (F) PRIOR TO ISSUING A CERTIFICATE OF OCCUPANCY OR COMPLIANCE FOR ANY DEVELOPMENT, BUILDING OR STRUCTURE, ALL TREES DESIGNATED TO BE PRESERVED THAT WERE DESTROYED DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR WITH TREES OF EQUIVALENT DIAMETER AT BRESTA HEIGHT TREE CALIPER AND OF THE SAME SPECIES AS SPECIFIED BY THE COUNTY ADMINISTRATOR, BEFORE OCCUPANCY OR USE, UNLESS APPROVAL FOR THEIR REMOVAL HAS BEEN GRANTED UNDER PERMIT.
- (G) THE COUNTY ADMINISTRATOR MAY CONDUCT PERIODIC INSPECTIONS OF THE SITE DURING LAND CLEARANCE AND CONSTRUCTION.
- (H) IF, IN THE OPINION OF THE COUNTY ADMINISTRATOR, DEVELOPMENT ACTIVITIES WILL SO SEVERELY STRESS SLASH PINES OR ANY OTHER PROTECTED TREE SUCH THAT THEY ARE MADE SUSCEPTIBLE TO INSECT ATTACK, PREVENTATIVE SPRAYING OF THESE TREES BY THE CONTRACTOR MAY BE REQUIRED.



- NOTES:
1. THE FENCING LOCATION SHOWN ABOVE IS DIAGRAMATIC ONLY AND WILL CONFORM TO THE DRIP LINE AND BE LIMITED TO PROJECT BOUNDARY. WHERE MULTIPLE ADJACENT TREES WILL BE ENCLOSED BY FENCING, THE FENCING SHALL BE CONTINUOUS AROUND ALL TREES.
 2. FOR ACCEPTABLE FENCING MATERIALS SEE SPECIFICATIONS.
 3. FENCING FOR SPECIMEN TREES IS TO BE 6' TALL CHAIN LINK

A TREE PROTECTION FENCE
SCALE: NOT TO SCALE



- NOTES:
1. OPTION USED FOR TIGHT CONSTRUCTION AREAS OR WHEN CONSTRUCTION OCCURS IN ROOT PROTECTION ZONE.
 2. FOR ACCEPTABLE FENCING MATERIALS SEE SPECIFICATIONS.

B TREE PROTECTION FENCE - TIGHT CONSTRUCTION
SCALE: NOT TO SCALE



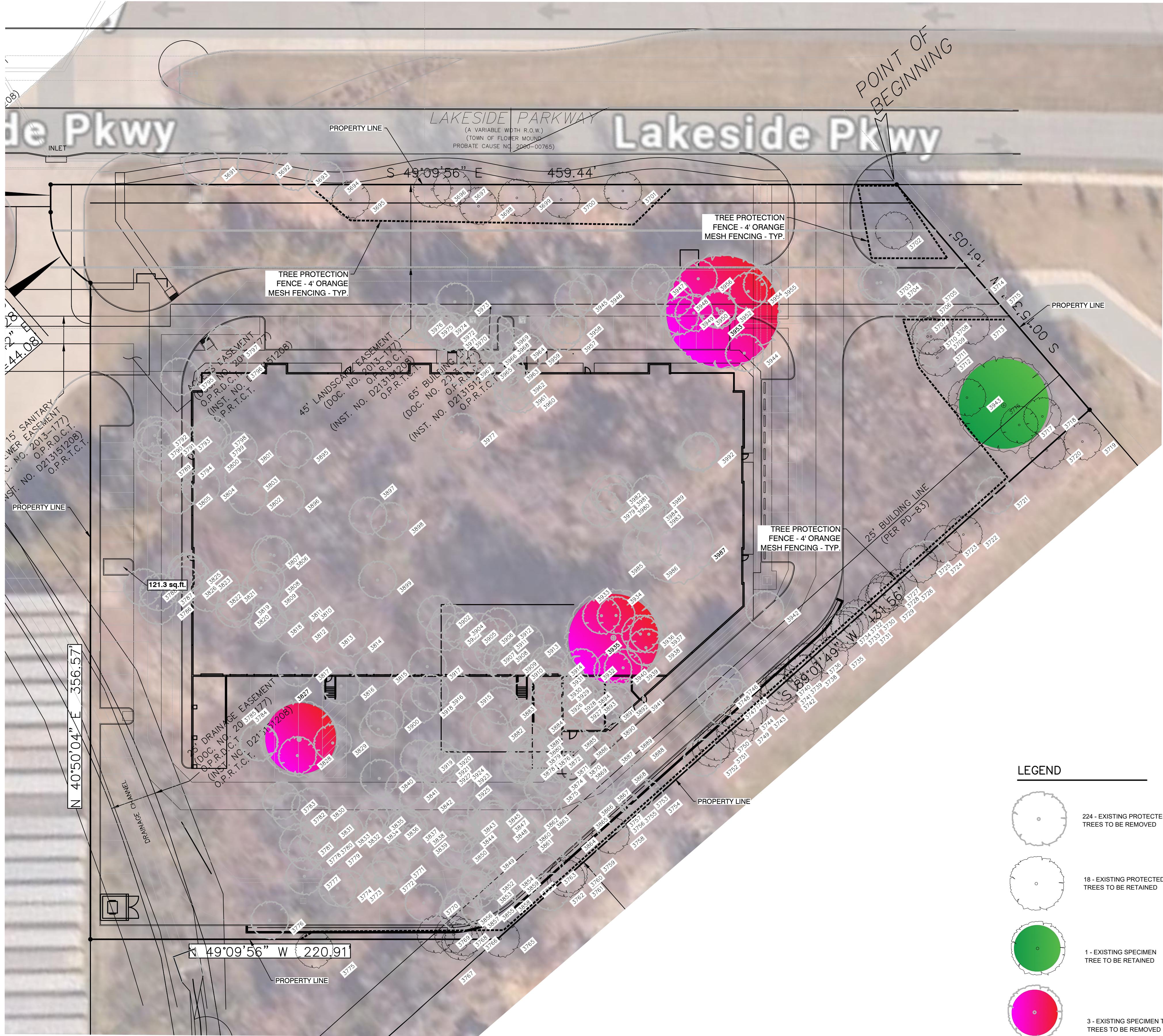
TRINITY PARK
301 LAKESIDE PKWY
FLOWER MOUND, TX 75028

NO.	DATE	REVISION	BY

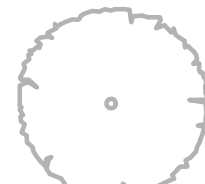
TREE SURVEY DETAILS & SPECIFICATIONS

DESIGN:	EMS
DRAWN:	EMS
CHECKED:	SS
DATE:	07/26/2024
SHEET	
TD-2	
File No.	2024-064

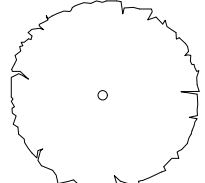
PLOTTED BY: ERIC SHEPLEY
 2/21/2025 1:08 PM
 P: \\SHARED\\PROJECTS\\2024\\TRINITY PARK - FLOWER MOUND TX - LAKESIDE PARKWAY\\TRINITY PARK FLOWER MOUND 2025-02-21.DWG
 2/21/2025 1:04 PM
 LAST SAVED:



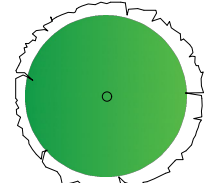
LEGEND



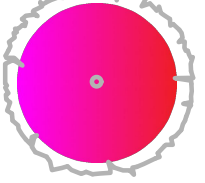
224 - EXISTING PROTECTED TREES TO BE REMOVED



18 - EXISTING PROTECTED TREES TO BE RETAINED



1 - EXISTING SPECIMEN TREE TO BE RETAINED



3 - EXISTING SPECIMEN TREES TO BE REMOVED

4' ORANGE MESH TREE PROTECTIVE FENCING
6' CHAIN LINK TREE PROTECTIVE FENCING - FOR SPECIMEN TREE

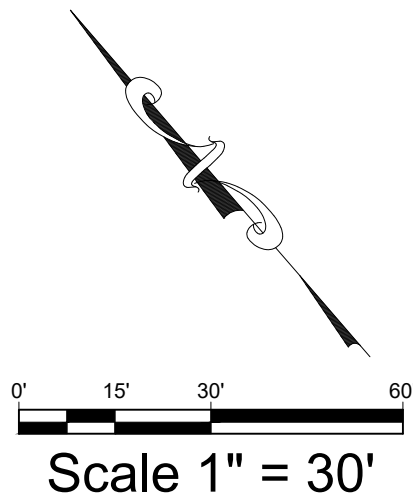
MITIGATION FOR REMOVAL OF EXISTING TREES

236 REQUIRED MITIGATION TREES TO BE PAID CASH-IN-LIEU

TOTAL MITIGATION IS 227 DEBITS FOR PROTECTED TREES + 58 DEBITS FOR SPECIMEN TREES - 6 CREDITS FOR SPECIMEN TREE 3716 - 4 CREDITS FOR TREE 3709 - 1 CREDIT FOR 3712 - 1 CREDIT FOR 3713 - 4 CREDITS FOR 3717 - 2 CREDITS FOR TREE 3718 AND - 1 CREDIT FOR TREE 3719.

227 + 58 - 19 CREDITS = 236 X 600 = \$141,600 OWED IN MITIGATION.

POOR AND VERY POOR CONDITION TREES HAVE BEEN EXCLUDED



TRINITY PARK
 301 LAKESIDE PKWY
 FLOWER MOUND, TX 75028

No.	DATE	REVISION	BY

TREE SURVEY WITH AERIAL

DESIGN: EMS
 DRAWN: EMS
 CHECKED: SS
 DATE: 07/26/2024
 SHEET
TS-1
 File No. 2024-064

OFFICE/WAREHOUSE
972-874-6340

PROPOSED

**TREE REMOVAL
PERMIT**

TRP25-0002



972-874-6340