



DEVELOPMENT SERVICES

TRE-APP-APP21-38800720 - Kinder West (AMENDMENT TO AP#2269620)

SCOPE OF WORK: TREE REMOVAL FOR RESIDENTIAL DEVELOPMENT

OVERALL TREE PLAN FOR KINDER WEST AND KINDER RANCH AGI UNITS

REFER TO RD 21-12500023

REQ-CMRORAEVR-23-44400486 APPROVED ON 1.9.24

AMENDMENT #4 APPROVED 11.17.21 HG

AMENDMENT #5 APPROVED 1.24.22 HG

AMENDMENT #6 APPROVED 1.11.24 HG

AMENDMENT #7 APPROVED 5.6.24 HG

// STATUS: APPROVED (2006 TREE STAND DELINEATION METHOD)

// PLEASE SEE COMMENTS/CONDITIONS BELOW:

-(2)-2" CALIPER NATIVE MEDIUM TO LARGE SHADE TREE ARE REQUIRED PER LOT AT THE BUILDING STAGE.

-A TOTAL OF 19.74 AC OF OFFSITE PRESERVATION IS PROVIDED VIA A TREE SAVE EASEMENT RECORDED UNDER THE APPROVED AEVR REQ-CMRORAEVR-23-44400486. 16.74 AC WILL BE USED AS MITIGATION FOR THIS TREE PLAN.

-A GRADING PLAN SHALL BE PROVIDED AT PLATTING STAGE FOR EACH UNIT TO VERIFY COMPLIANCE WITH APPROVED TREE PRESERVATION PLAN.

-THIS SUBDIVISION IS SUBJECT TO A MASTER TREE PLAN (A/P# 2269620) WHICH REQUIRES COMPLIANCE BY THE DEVELOPER AND/OR BUILDER. THE MASTER TREE PLAN IS ON FILE AT THE CITY OF SAN ANTONIO ARBORISTS OFFICE. PRIOR TO THE COMMENCEMENT OF ANY ACTIVITIES REQUIRING A TREE PERMIT, THE APPLICANT SHALL REQUEST A PRE-CONSTRUCTION MEETING WITH THE CITY ARBORIST TO REVIEW THE APPROVED TREE PRESERVATION PLAN AND PROCEDURES FOR PROTECTION AND MANAGEMENT OF PROTECTED SIGNIFICANT, HERITAGE OR MITIGATION TREES 35-477(b)(5) C.

-CONSTRUCTION ON INDIVIDUAL RESIDENTIAL LOTS OUTSIDE OF CITY LIMITS AND WITHIN EXTRATERRITORIAL JURISDICTION ARE REQUIRED TO SUBMIT A TREE PERMIT APPLICATION REFERENCING APPROVED TREE PRESERVATION PLAN TO VERIFY COMPLIANCE AT BUILDING STAGE. FAILURE TO DO SO COULD INCUR CESSATION OF ON-SITE CONSTRUCTION, ADDITIONAL MITIGATION, AND/OR WORK WITHOUT PERMIT PENALTIES.

-PRIOR TO COMMENCEMENT OF ANY ACTIVITIES REQUIRING A TREE PERMIT, THE APPLICANT SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE CITY ARBORIST TO REVIEW



DEVELOPMENT SERVICES

PROCEDURES FOR PROTECTION AND MANAGEMENT OF ALL SIGNIFICANT, HERITAGE OR MITIGATION TREES (CAN BE SCHEDULED WITH TREE FENCING INSPECTION)-CALL 207.2222 TO SCHEDULE A PRE-CONSTRUCTION & FENCING INSPECTION (PER SECTION 35-477 OF THE UDC, SUBSECTION TREE PERMITS (5) (C)

-IT SHALL BE THE RESPONSIBILITY OF THE PERMIT HOLDER TO MAINTAIN A COPY OF THE APPROVED TREE PLANS, APPROVED TREE PERMIT AND THE CONDITIONS OF APPROVAL IMPOSED BY THE CITY ARBORIST READILY AVAILABLE AT THE SITE AT ALL TIMES DURING WHICH AUTHORIZED WORK IS IN PROGRESS. ALL OFFSITE STAGING, STORAGE, PROJECT TRAILERS, EMPLOYEE PARKING, ETC. IS REQUIRED TO COMPLY WITH THE TERMS AND CONDITIONS OF THE APPROVED TREE PERMIT.

-**FAILURE TO SCHEDULE A FENCING INSPECTION PRIOR TO START OF WORK MAY RESULT IN A STOP WORK ORDER OR A PENALTY OF \$1000.00 OR BOTH. (SECTION 35-523 OF THE UDC, SUBSECTION (k)(2) THE BARRIER SHALL BE IN PLACE BEFORE ANY SITE WORK IS INITIATED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PROCESS).

// NOTE: APPLICATION IS FOR TREE REMOVAL PURPOSES. TREE REVIEW APPROVAL IS FOR TREE REMOVAL ONLY.

// APPLICABLE UDC CODES:

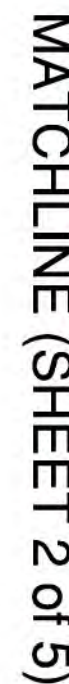
35-523 (k) (5), 35-477 (j), 35-523 (k) (4), 21-170 (b), 35-511 (e), 35-523 (k) (2), 35-477 (5) (c), 35-477 (h) and 35-523 (j) (1)

Please forward a copy to the contractor on site with a copy of the plat or plan (if applicable) for posting on site. A copy of the approved permit and plan must be on site during site work.

// IF YOU HAVE ANY QUESTIONS, PLEASE FEEL FREE TO CONTACT ME AT HERMINIO.GRIEGO@SANANTONIO.GOV OR (210) 207-6042.












MATCHLINE (SHEET 5 of 5)

MAJOR LARGE TREES: CEDAR ELM, LIVE
OAK, POST OAK, & BLACK JACK OAK
MAJOR SMALL TREES: CEDAR,
PERSIMMON

- | | |
|---|--|
|  | OVERALL KINDER WEST AND AGI TREE PLAN BOUNDARY (548.11 AC.) |
|  | CANOPY SAVED OUTSIDE FLOODPLAIN (49.24 AC.) (27.19%) |
|  | TREE CANOPY REMOVED OUTSIDE FLOODPLAIN (131.83 AC.) (72.81%) |
|  | TREE CANOPY SAVED INSIDE FLOODPLAIN (5.45 AC.) (80.01%) |
|  | TREE CANOPY REMOVED INSIDE FLOODPLAIN (1.36 AC.) (19.99%) |

INSIDE FLOODPLAIN:

- (1). TOTAL TREE CANOPY = 6.81 (AC)
- (2). TREE CANOPY AREA SAVED = 5.45 (AC) (80.01%)
- (3). TREE CANOPY AREA REMOVED = 1.36 (AC) (19.99%)
- (4). CANOPY AREA REQUIRED TO BE SAVED = 80% X 6.81 (AC) = 5.44(AC) (80%)

NO MITIGATION REQUIRED

OUTSIDE FLOODPLAIN:

1. TOTAL TREE CANOPY = 181.07 (AC)
2. TREE CANOPY AREA SAVED = 49.35 (AC) (27.25%)
3. TREE CANOPY AREA REMOVED = 131.72 (AC) (72.75%)
4. CANOPY AREA REQUIRED TO BE SAVED = $35\% \times 181.07 \text{ (AC)} = 63.37 \text{ (AC)} \text{ (35\%)}$
5. EXCESS CANOPY REMOVED = $63.37 - 49.35 = 14.02 \text{ (AC)}$

OFFSITE MITIGATION:

- (2.) CANOPY PRESERVED INCLUDING MITIGATION = 49.35 + 16.74 = 66.09 AC (36.50%)

NOTE:

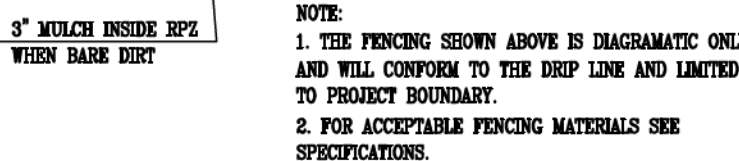
1. 2006 TREE ORDINANCE IS RECOGNIZED.
2. A TOTAL OF 19.75 AC OF OFFSITE PRESERVATION IS PROVIDED VIA A TREESAVE EASEMENT (DOCUMENT #20240002533) RECORDED UNDER THE APPROVED AEVR#23-44400486. 16.74 AC WILL BE USED AS MITIGATION FOR THIS TREE PLAN AND 0.50 ACRES WILL BE USED FOR KINDER AGI UNITS 1B AND 1C TREE PLAN (TREE-APP-APP21-38800789). PLEASE REFERENCE OFFSITE TREESAVE EASEMENT EXHIBIT ATTACHED AT END OF PLAN.

TREE PROTECTION AND PRESERVATION GENERAL NOTES

1. NO UTILITY OR STREET EXCAVATION WORK SHALL BEGIN IN AREAS WHERE TREE PRESERVATION AND TREATMENT MEASURES HAVE NOT BEEN COMPLETED AND APPROVED
2. TREE PROTECTION FENCING SHALL BE CONSTRUCTED. TREE PROTECTION FENCING SHALL BE INSTALLED, MAINTAINED AND REPAIRED THROUGHOUT THE PROJECT DURING SITE DEVELOPMENT. DURING CONSTRUCTION ACTIVITY, AT LEAST A SIX-INCH LENGTH OF COARSE MULCH SHALL BE PLACED AND MAINTAINED OVER THE ROOT PROTECTION ZONE (NO SEPARATE PAY ITEM).
3. THE CONTRACTOR SHALL AVOID CUTTING ROOTS LARGER THAN ONE INCH IN DIAMETER WHEN EXCAVATING NEAR EXISTING TREES. EXCAVATION IN THE VICINITY OF TREES SHALL PROCEED WITH CAUTION. THE CONTRACTOR SHALL CONTACT THE CITY INSPECTOR FOR GUIDANCE.
ROOTS WILL BE CUT WITH A ROCK SAW OR BY HAND, NOT BY AN EXCAVATOR OR OTHER ROAD CONSTRUCTION EQUIPMENT. ALL CURB AND SIDEWALK WORK SHALL USE ALTERNATIVE CONSTRUCTION METHODS TO MINIMIZE EXISTING ROOT DAMAGE TO TREES (REFER TO DETAILS).
4. EXPOSED ROOTS SHALL BE COVERED AT THE END OF THE DAY USING TECHNIQUES SUCH AS COVERING WITH SOIL, MULCH, OR WET BURLAP.
5. NO EQUIPMENT, VEHICLES OR MATERIALS SHALL OPERATE OR BE STORED WITHIN THE ROOT PROTECTION ZONE OF ANY TREE NEAR THE PROJECT. ROOT PROTECTION ZONE IS 1 FOOT OF RADIUS PER INCH OF TREES DIAMETER. A 1-INCH DIAMETER TREE WOULD HAVE A 10 FOOT RADIUS ROOT PROTECTION ZONE AROUND THE TREE. ROOTS OR BRANCHES IN CONFLICT WITH THE CONSTRUCTION SHALL BE CUT CLEANLY ACCORDING TO PROPER PRUNING METHODS. OAK WOUNDS SHALL BE PAINTED OVER WITHIN 30 MINUTES TO PREVENT OAK WILT.
6. SAPLINGS, SHRUBS OR BUSHES TO BE CLEARED FROM THE PROTECTED ROOT ZONE AREA OF A LARGE TREE SHALL BE REMOVED BY HAND AS DESIGNATED BY THE INSPECTOR.
7. NO WIRES, NAILS OR OTHER MATERIAL MAY BE ATTACHED TO PROTECTED TREES.
8. TREES, TREE LIMBS, BUSHES AND SHRUBS LOCATED IN THE CITY STREET OR ALLEY RIGHT-OF-WAY OR PERMANENT EASEMENTS WHICH INTERFERE WITH PROPOSED CONSTRUCTION ACTIVITIES SHALL BE PROPERLY PRUNED FOLLOWING THE ANSI A-300 STANDARDS FOR PRUNING. ALL TREE PRUNING SHALL BE COMPLETED BY A CITY OF SAN ANTONIO TREE MAINTENANCE LICENSED CONTRACTOR (ARTICLE 21-7.1, CITY CODE) ONLY AFTER APPROVAL FROM THE CAPITAL PROJECTS MANAGEMENT THROUGH THE CITY INSPECTOR.
9. NO EXCESSIVE TREE TRIMMING WILL BE PERMITTED.
10. ALL DEBRIS GENERATED BY THE PRUNING AND TRIMMING OF THE TREES AND / OR BUSHES SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF PROPERLY (NO SEPARATE PAY ITEM).
11. TREES MUST BE MAINTAINED IN GOOD HEALTH THROUGHOUT THE CONSTRUCTION PROCESS. MAINTENANCE MAY INCLUDE, BUT NOT LIMITED TO, WATERING TO THE ROOT PROTECTION ZONE, WASHING, FERTIGATION, FERTILIZATION, PRUNING, ADDITIONAL MULCH APPLICATIONS AND OTHER MAINTENANCE AS NEEDED ON THE PROJECT.
12. ANY TREE REMOVAL SHALL BE APPROVED BY THE CITY ARBORIST. [207-0278]
13. TREES WHICH ARE DAMAGED OR LOST DUE TO THE CONTRACTOR'S NEGLIGENCE DURING CONSTRUCTION SHALL BE MITIGATED TO THE CITY'S SATISFACTION.
14. TREE PLANTING FOR MITIGATION OR ENHANCEMENT: ALL PLANTED TREES SHALL BE MAINTAINED IN A HEALTHY CONDITION AT ALL TIMES. THIS INCLUDES FERTILIZING, PRUNING AND OTHER MAINTENANCE AS NEEDED ON THE PROJECT. TREES THAT DIE WITHIN TWELVE (12) MONTHS SHALL BE REPLACED WITH A TREE OF EQUAL SIZE AND SPECIES.
15. 2006 TREE ORDINANCE IS RECOGNIZED.

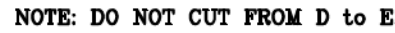


NOT-TO-SCALE



(1.1.2) LEVEL I & FENCE PROTECTION
N. T. S.

N. T. S.

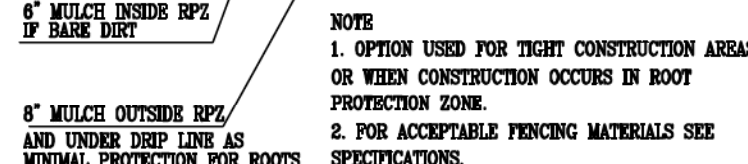


- A. FIRST CUT - TO PREVENT THE BARK FROM BEING
PEELED WHEN THE BRANCH FALLS.
- B. SECOND CUT - TO REDUCE THE WEIGHT OF BRANCH.
- C. FINAL CUT - ALLOW FOR HEALING COLLAR BUT NO STUBS
- D. BRANCH RIDGES - INDENT PROPERLY BRANCH RIDGES
WHICH ARE SITE FOR DECAY.

FOR OAKS ONLY: PAINT ALL WOUNDS OR CUTS WITH PRUNING PAINT WITHIN 20 MIN TO PREVENT THE SPREAD OF OAK WILT.

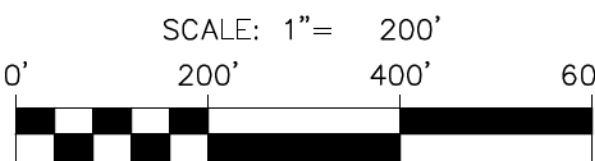
1.4) BRANCH PRUNING DETAIL

N. T. S.



1.3) LEVEL II A FENCE PROTECTION
N. T. S.

N. T. S.



SCALE: 1"= 200'

KINDER WEST
TREE STAND DELINEATION PLAN

NO.	REVISION	DATE
5	REVISED PRESERVATION AREA	3/10/2023
6	REVISED PRESERVATION AREA	8/15/2023
7	REVISED PRESERVATION AREA	9/21/2023
8	REVISED PRESERVATION AREA	10/23/2023
9	REVISED PRESERVATION AREA	11/16/2023
10	REVISED NOTES AND CALCS	1/9/2024
11	REVISED NOTES AND CALCS	3/6/2024
12	REVISED NOTES AND CALCS	4/19/2024



**PAPE-DAWSON
ENGINEERS**

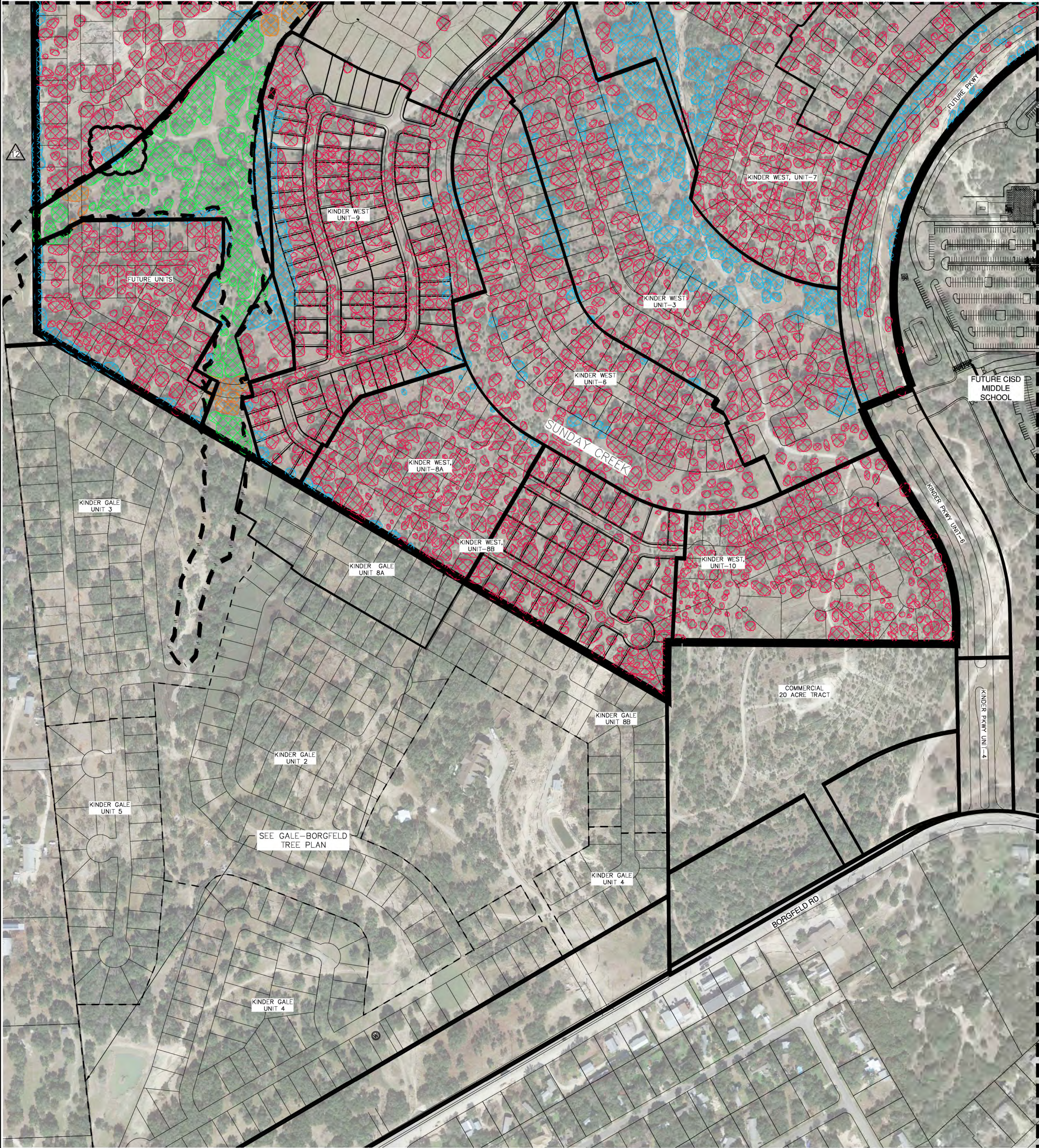
2000 NW LOOP 410 | SAN ANTONIO, TEXAS 78213 | PHONE: 210.375.9000
FAX: 210.375.9010

TEXAS BOARD OF PROFESSIONAL ENGINEERS, FIRM REGISTRATION # 470
TEXAS BOARD OF PROFESSIONAL LAND SURVEYING, FIRM REGISTRATION # 100228800

KINDER WEST
SAN ANTONIO, TEXAS

TREE PLAN

PLAT NO. N/A
JOB NO. 8802-22
DATE APRIL 2021
DESIGNER RC
CHECKED AL DRAWN RC
SHEET 3 of 5



TREE FENCING INSPECTION
REQUIRED BEFORE SITE WORK
CALL 207-1111 TO SCHEDULE

LEGEND

MAJOR LARGE TREES: CEDAR ELM, LIVE OAK, POST OAK, & BLACK JACK OAK
MAJOR SMALL TREES: CEDAR, PERSIMMON

- OVERALL KINDER WEST AND AGI TREE PLAN BOUNDARY (548.11 AC.)
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 - (5.) EXCESS CANOPY REMOVED = $63.37 - 49.35 = 14.02 \text{ (AC)}$
- NO MITIGATION REQUIRED

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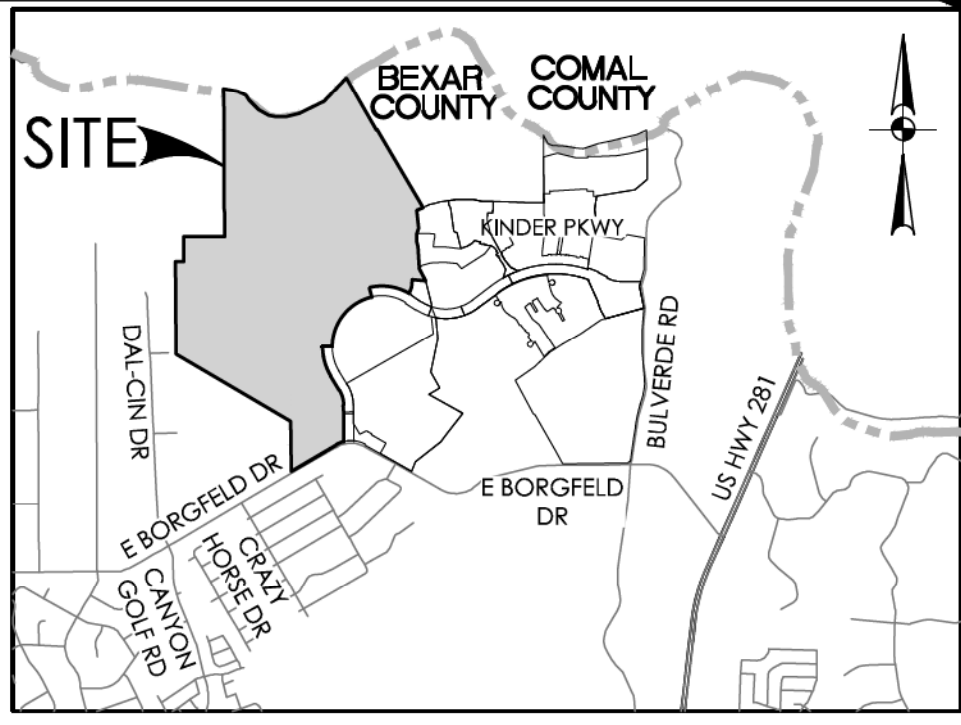
- (1.) TOTAL AMOUNT TO BE PRESERVED = 16.74 (AC)
- (2.) CANOPY PRESERVED INCLUDING MITIGATION = $49.35 + 16.74 = 66.09 \text{ AC} \text{ (36.50\%)}$

NOTE:

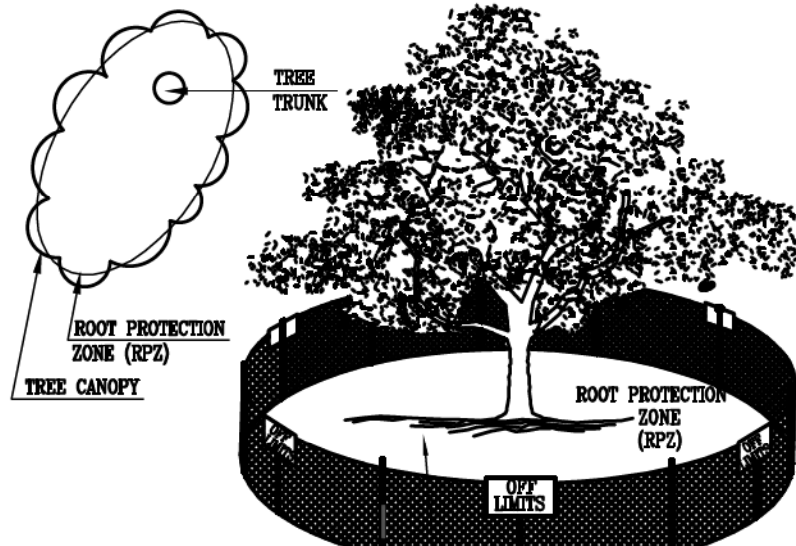
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TREE PROTECTION AND PRESERVATION GENERAL NOTES:

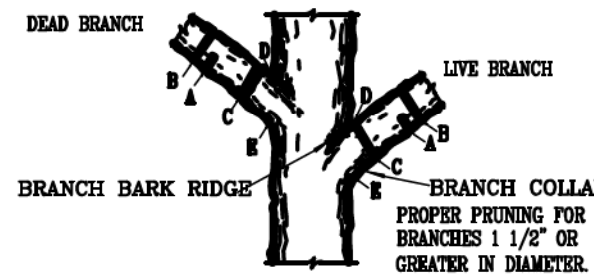
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- 2006 TREE ORDINANCE IS RECOGNIZED.



LOCATION MAP
NOT-TO-SCALE

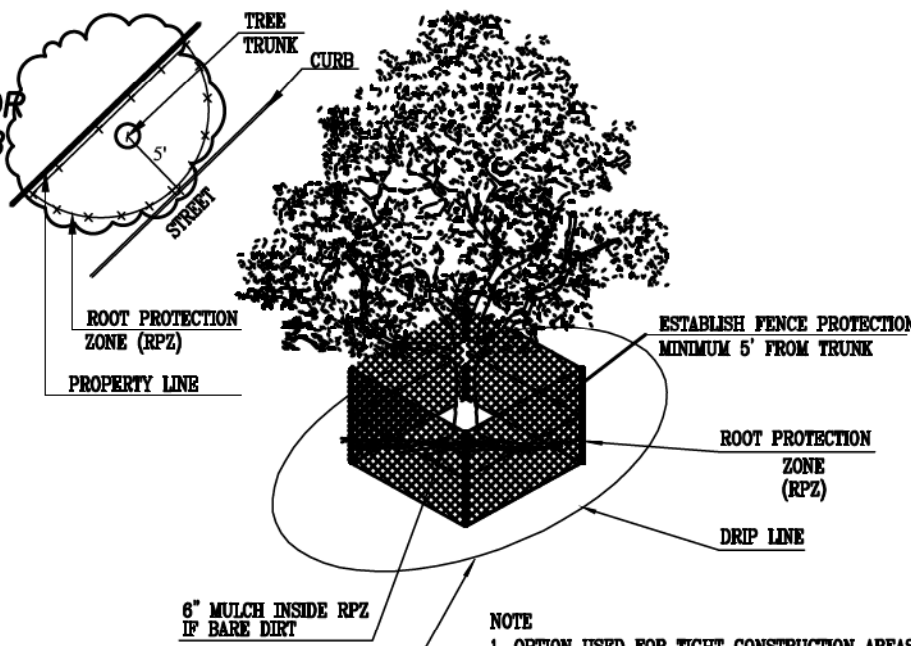


1.1.2 LEVEL I & FENCE PROTECTION
N. T. S.

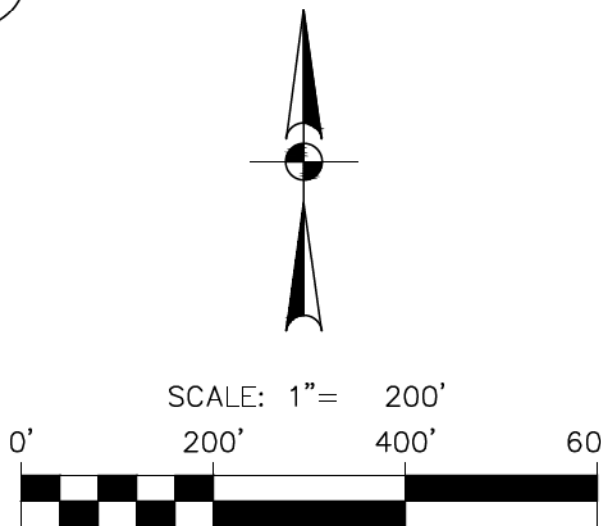


- NOTE: DO NOT CUT FROM D TO E.
- A. FIRST CUT - TO PREVENT THE BARK FROM BEING PEELED WHEN THE BRANCH FALLS.
 - B. SECOND CUT - TO REDUCE THE WEIGHT OF BRANCH.
 - C. FINAL CUT - ALLOW FOR HEALING COLLAR BUT NO STUB.
 - D. BRANCH RIDGES - DO NOT PROPERLY BRANCH RIDGES WHICH ARE SITE FOR DECAY.
- FOR OAKS ONLY: PAINT ALL WOUNDS OR CUTS WITH PRUNING PAINT WITHIN 20 MIN TO PREVENT THE SPREAD OF OAK WILT.

1.4 BRANCH PRUNING DETAIL
N. T. S.



1.1.3 LEVEL II A FENCE PROTECTION
N. T. S.



KINDER WEST
TREE STAND DELINEATION PLAN

NO.	REVISION	DATE
5	REVISED PRESERVATION AREA	3/10/2023
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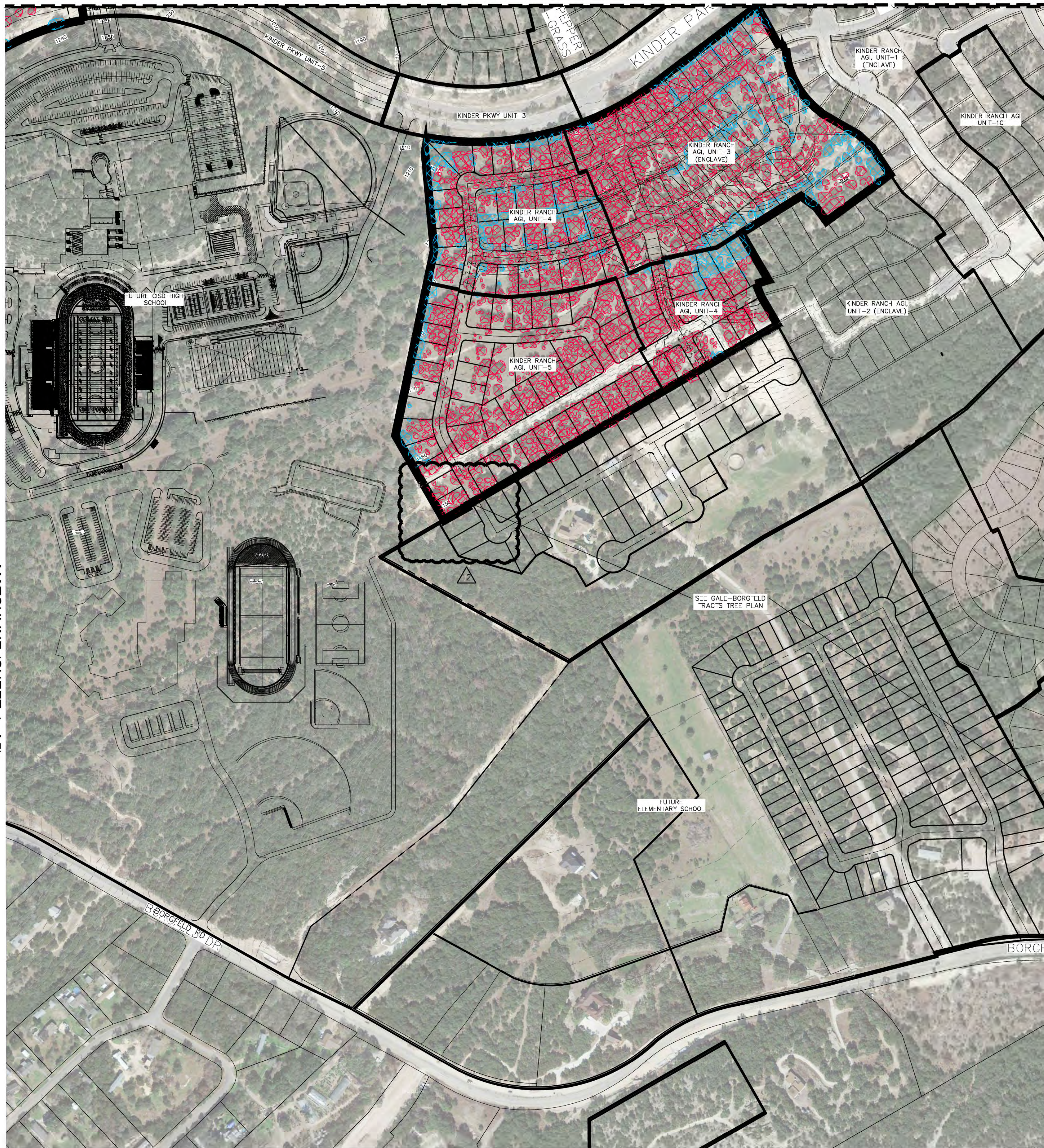
PAPE-DAWSON
ENGINEERS

2000 NW LOOP 410 | SAN ANTONIO, TEXAS 78213 | PHONE: 210.775.9000
FAX: 210.775.9010
TEXAS BOARD OF PROFESSIONAL ENGINEERS, FIRM REGISTRATION # 20240002533
TEXAS BOARD OF PROFESSIONAL LAND SURVEYING, FIRM REGISTRATION # 1029860

KINDER WEST
SAN ANTONIO, TEXAS

TREE PLAN

PLAT NO.	N/A
JOB NO.	8802-22
DATE	APRIL 2021
DESIGNER	RC
CHECKED	AL
DRAWN	RC
SHEET	4 of 5



**TREE FENCING INSPECTION
REQUIRED BEFORE SITE WORK
CALL 207-1111 TO SCHEDULE**

LEGEND

MAJOR LARGE TREES: CEDAR ELM, LIVE OAK, POST OAK, & BLACK JACK OAK
MAJOR SMALL TREES: CEDAR, PERSIMMON

- OVERALL KINDER WEST AND AGI TREE PLAN BOUNDARY (548.11 AC.)
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TREE CANOPY CALCULATIONS

INSIDE FLOODPLAIN:

- (1) TOTAL TREE CANOPY = 6.81 (AC)
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- (3) TREE CANOPY AREA REMOVED = 1.36 (AC) (19.99%)
- (4) CANOPY AREA REQUIRED TO BE SAVED = $80\% \times 6.81 \text{ (AC)} = 5.44 \text{ (AC)} (80\%)$

NO MITIGATION REQUIRED

OUTSIDE FLOODPLAIN:

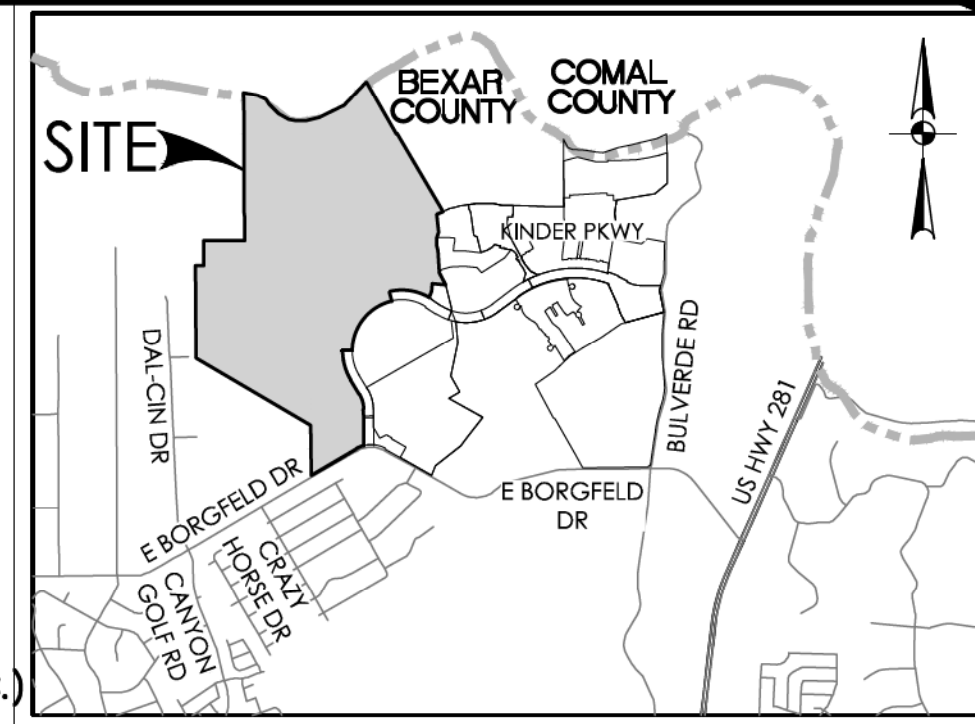
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- (5) EXCESS CANOPY REMOVED = $63.37 - 49.35 = 14.02 \text{ (AC)}$

OFFSITE MITIGATION:

- (1) TOTAL AMOUNT TO BE PRESERVED = 16.74 (AC)
 - (2) CANOPY PRESERVED INCLUDING MITIGATION = $49.35 + 16.74 = 66.09 \text{ AC} (36.50\%)$
- NOTE:**
1. 2006 TREE ORDINANCE IS RECOGNIZED.
2. A TOTAL OF 19.75 AC OF OFFSITE PRESERVATION IS PROVIDED VIA A TREESAVE EASEMENT (DOCUMENT #20240002533) RECORDED UNDER THE APPROVED AEVR#23-44400486. 16.74 AC WILL BE USED AS MITIGATION FOR THIS TREE PLAN AND 0.50 ACRES WILL BE USED FOR KINDER AGI UNITS 1B AND 1C TREE PLAN (TREE-APP-APP21-38800789). PLEASE REFERENCE OFFSITE TREESAVE EASEMENT EXHIBIT ATTACHED AT END OF PLAN.

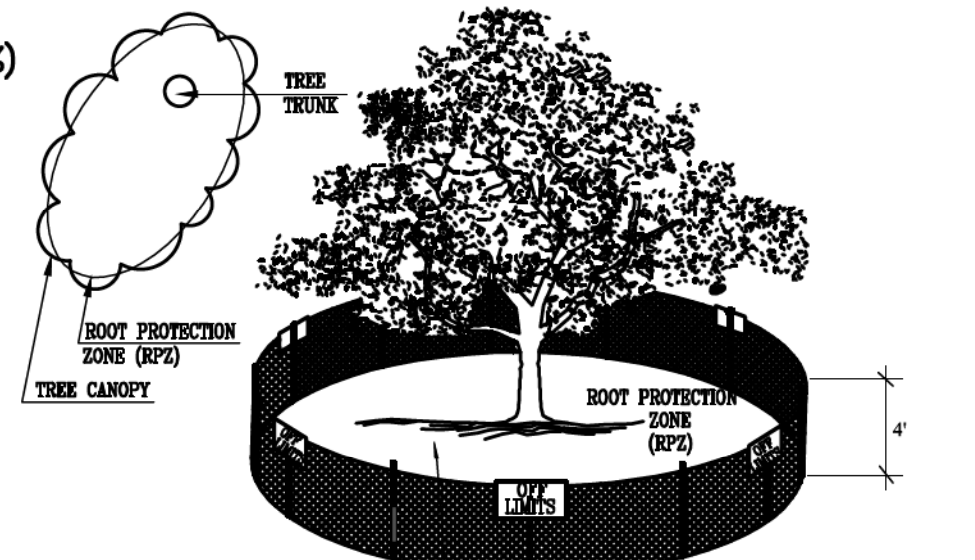
TREE PROTECTION AND PRESERVATION GENERAL NOTES:

1. NO UTILITY OR STREET EXCAVATION WORK SHALL BEGIN IN AREAS WHERE TREE PRESERVATION AND TREATMENT MEASURES HAVE NOT BEEN COMPLETED AND APPROVED.
2. TREE PROTECTION FENCING SHALL BE REQUIRED, TREE PROTECTION FENCING SHALL BE INSTALLED, MAINTAINED AND REPAIRED BY THE CONTRACTOR DURING SITE CONSTRUCTION. DURING CONSTRUCTION ACTIVITY, AT LEAST A SIX-INCH LAYER OF COARSE MULCH SHALL BE PLACED AND MAINTAINED OVER THE ROOT PROTECTION ZONE (NO SEPARATE PAY ITEM).
3. THE CONTRACTOR SHALL AVOID CUTTING ROOTS LARGER THAN ONE INCH IN DIAMETER WHEN EXCAVATING NEAR EXISTING TREES. EXCAVATION IN THE VICINITY OF TREES SHALL PROCEED WITH CAUTION. THE CONTRACTOR SHALL CONTACT THE CITY INSPECTOR FOR GUIDANCE.
4. ROOTS WILL BE CUT WITH A ROCK SAW OR BY HAND, NOT BY AN EXCAVATOR OR OTHER ROAD CONSTRUCTION EQUIPMENT.
5. ALL CURB AND SIDEWALK WORK SHALL USE ALTERNATIVE CONSTRUCTION METHODS TO MINIMIZE EXTENSIVE ROOT DAMAGE TO TREES (REFER TO DETAILS).
6. EXPOSED ROOTS SHALL BE COVERED AT THE END OF THE DAY USING TECHNIQUES SUCH AS COVERING WITH SOIL, MULCH, OR WET RUMPLE.
7. NO EQUIPMENT, VEHICLES OR MATERIALS SHALL OPERATE OR BE STORED WITHIN THE ROOT PROTECTION ZONE OF ANY TREE NEAR THE PROJECT. ROOT PROTECTION ZONE IS 1 FOOT OF RADIUS PER INCH OF TREE'S DIAMETER. A 10-INCH DIAMETER TREE WOULD HAVE A 10 FOOT RADIUS ROOT PROTECTION ZONE AROUND THE TREE. ROOTS OR BRANCHES IN CONFLICT WITH THE CONSTRUCTION SHALL BE CUT CLEANLY ACCORDING TO PROPER PRUNING METHODS. OAK WOUNDS SHALL BE PAINTED OVER WITHIN 30 MINUTES TO PREVENT OAK WILT.
8. SAPLINGS, SHRUBS OR BUSHES TO BE CLEARED FROM THE PROTECTED ROOT ZONE AREA OF A LARGE TREE SHALL BE REMOVED BY HAND AS DESIGNATED BY THE INSPECTOR.
9. NO WIRES, NAILS OR OTHER MATERIAL MAY BE ATTACHED TO PROTECTED TREES.
10. TREES, TREE LIMBS, BUSHES AND SHRUBS LOCATED IN THE CITY STREET OR ALLEY RIGHT-OF-WAY OR PERMANENT EASEMENTS WHICH INTERFERE WITH PROPOSED CONSTRUCTION ACTIVITIES SHALL BE PROPERLY PRUNED FOLLOWING THE ANSI A-300 STANDARDS FOR PRUNING. ALL TREE PRUNING SHALL BE COMPLETED BY A CITY OF SAN ANTONIO TREE MAINTENANCE LICENSED CONTRACTOR (ARTICLE 21-71, CITY CODE) ONLY AFTER APPROVAL FROM THE CAPITAL PROJECTS MANAGEMENT THROUGH THE INSPECTOR.
11. NO EXCESSIVE TREE TRIMMING WILL BE PERMITTED.
12. ALL DEBRIS GENERATED BY THE PRUNING AND TRIMMING OF THE TREES AND / OR BUSHES SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF PROPERLY (NO SEPARATE PAY ITEM).
13. TREES MUST BE MAINTAINED IN GOOD HEALTH THROUGHOUT THE CONSTRUCTION PROCESS. MAINTENANCE MAY INCLUDE, BUT NOT LIMITED TO: WATERING THE ROOT PROTECTION ZONE, WASHING FOLIAGE, FERTILIZATION, PRUNING, ADDITIONAL MULCH APPLICATIONS AND OTHER MAINTENANCE AS NEEDED ON THE PROJECT.
14. ANY TREE REMOVAL SHALL BE APPROVED BY THE CITY ARBORIST. (207-0278)
15. TREES WHICH ARE DAMAGED OR LOST DUE TO THE CONTRACTOR'S NEGLIGENCE DURING CONSTRUCTION SHALL BE MITIGATED TO THE CITY'S SATISFACTION.
16. TREE PLANTING FOR MITIGATION OR ENHANCEMENT: ALL PLANTED TREES SHALL BE MAINTAINED IN A HEALTHY CONDITION AT ALL TIMES. THIS INCLUDES IRRIGATION, FERTILIZING, PRUNING AND OTHER MAINTENANCE AS NEEDED ON THE PROJECT. TREES THAT DIE WITHIN TWELVE (12) MONTHS SHALL BE REPLACED WITH A TREE EQUAL SIZE AND SPECIES.
17. 2006 TREE ORDINANCE IS RECOGNIZED.



LOCATION MAP

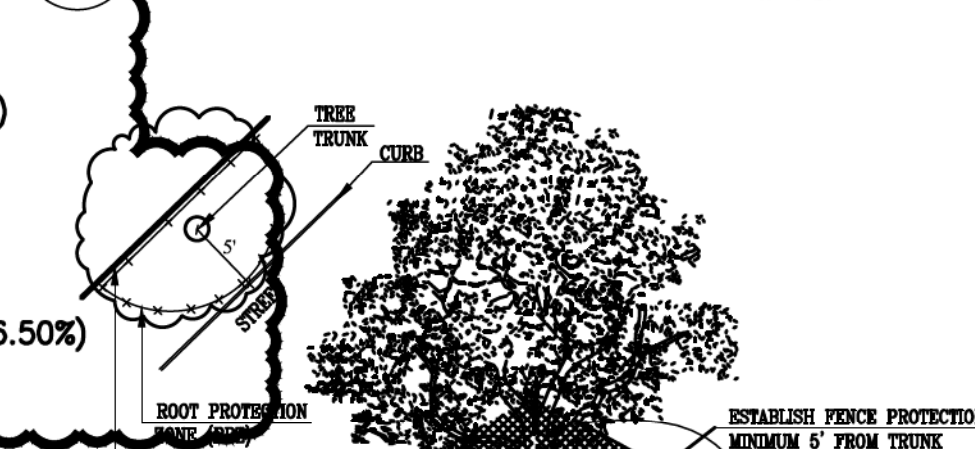
NOT-TO-SCALE



NOTE:
1. TREE FENCING SHOWN ABOVE IS DIAGNOSTIC ONLY AND WILL CONFORM TO THE DEEP LINE AND LIMITED TO PROJECT BOUNDARY.
2. FOR ACCEPTABLE FENCING MATERIALS SEE SPECIFICATIONS.

LEVEL I & FENCE PROTECTION

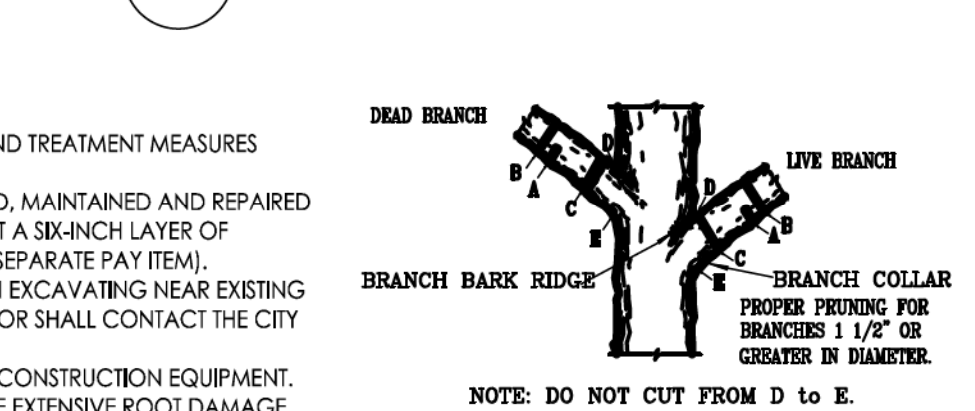
N. T. S.



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

LEVEL II A FENCE PROTECTION

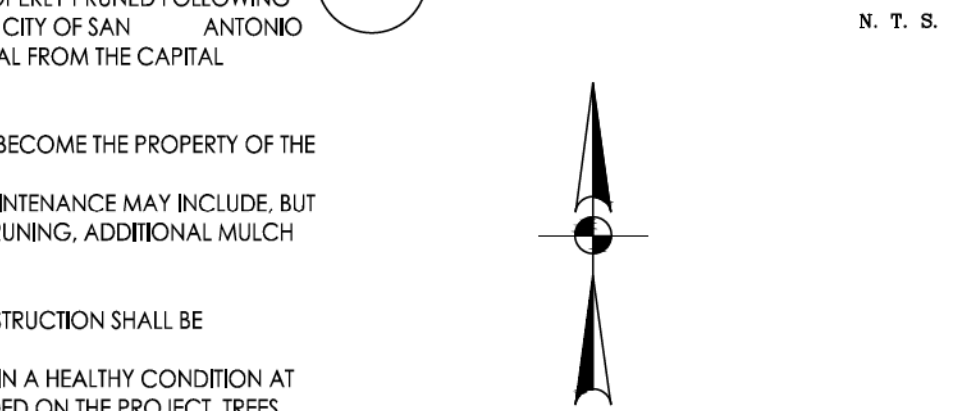
N. T. S.



NOTE: DO NOT CUT FROM D TO E.
A. FIRST CUT - TO PREVENT THE BARK FROM BEING PEELED WHEN THE BRANCH FALLS.
B. SECOND CUT - TO REDUCE THE WEIGHT OF BRANCH.
C. FINAL CUT - ALLOW FOR HEALING COLLAR BUT NO STUBS.
D. BRANCH RIDGES - INDENT PROPERLY BRANCH RIDGES WHICH ARE SITE FOR DECAY.
FOR OAKS ONLY, PAINT ALL WOUNDS OR CUTS WITH PRUNING PAINT WITHIN 20 MIN TO PREVENT THE SPREAD OF OAK WILT.

BRANCH PRUNING DETAIL

N. T. S.



SCALE: 1" = 200'

0' 200' 400' 600'

KINDER WEST TREE STAND DELINEATION PLAN

NO.	REVISION	DATE
5	REVISED PRESERVATION AREA	3/10/2023
6	REVISED PRESERVATION AREA	8/15/2023
7	REVISED PRESERVATION AREA	9/21/2023
8	REVISED PRESERVATION AREA	10/23/2023
9	REVISED PRESERVATION AREA	11/16/2023
10	REVISED NOTES AND CALC.	1/9/2024
11	REVISED NOTES AND CALC.	3/6/2024
12	REVISED NOTES AND CALC.	4/19/2024

**PAPE-DAWSON
ENGINEERS**

2000 NW LOOP 410 | SAN ANTONIO, TEXAS 78213 | PHONE: 210.775.9000
TX. REG. NO. 26014 | TX. REG. NO. 26014
TEXAS BOARD OF PROFESSIONAL ENGINEERS, FIRM REGISTRATION # 1029860
TEXAS BOARD OF PROFESSIONAL LAND SURVEYING, FIRM REGISTRATION # 1029860

**KINDER WEST
SAN ANTONIO, TEXAS**


TREE PLAN

PLAT NO.	N/A
JOB NO.	8802-22
DATE	APRIL 2021
DESIGNER	RC
CHECKED	AL
DRAWN	RC
SHEET	5 of 5

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Date: Nov 16, 2023 8:16 AM
THIS MAP WAS CREATED USING THE PAPE-DAWSON GIS WEB MAPPING SERVICES



**PAPE-DAWSON
ENGINEERS**

PAPE-DAWSON ENGINEERS
GIS WEB MAPPING SERVICE

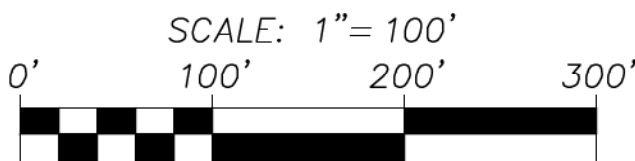
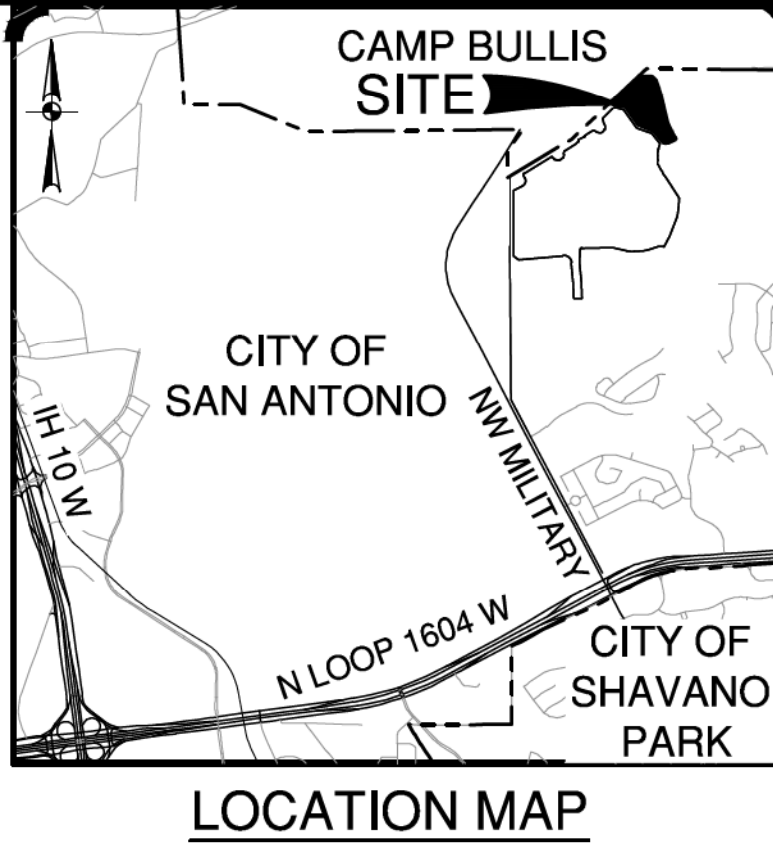
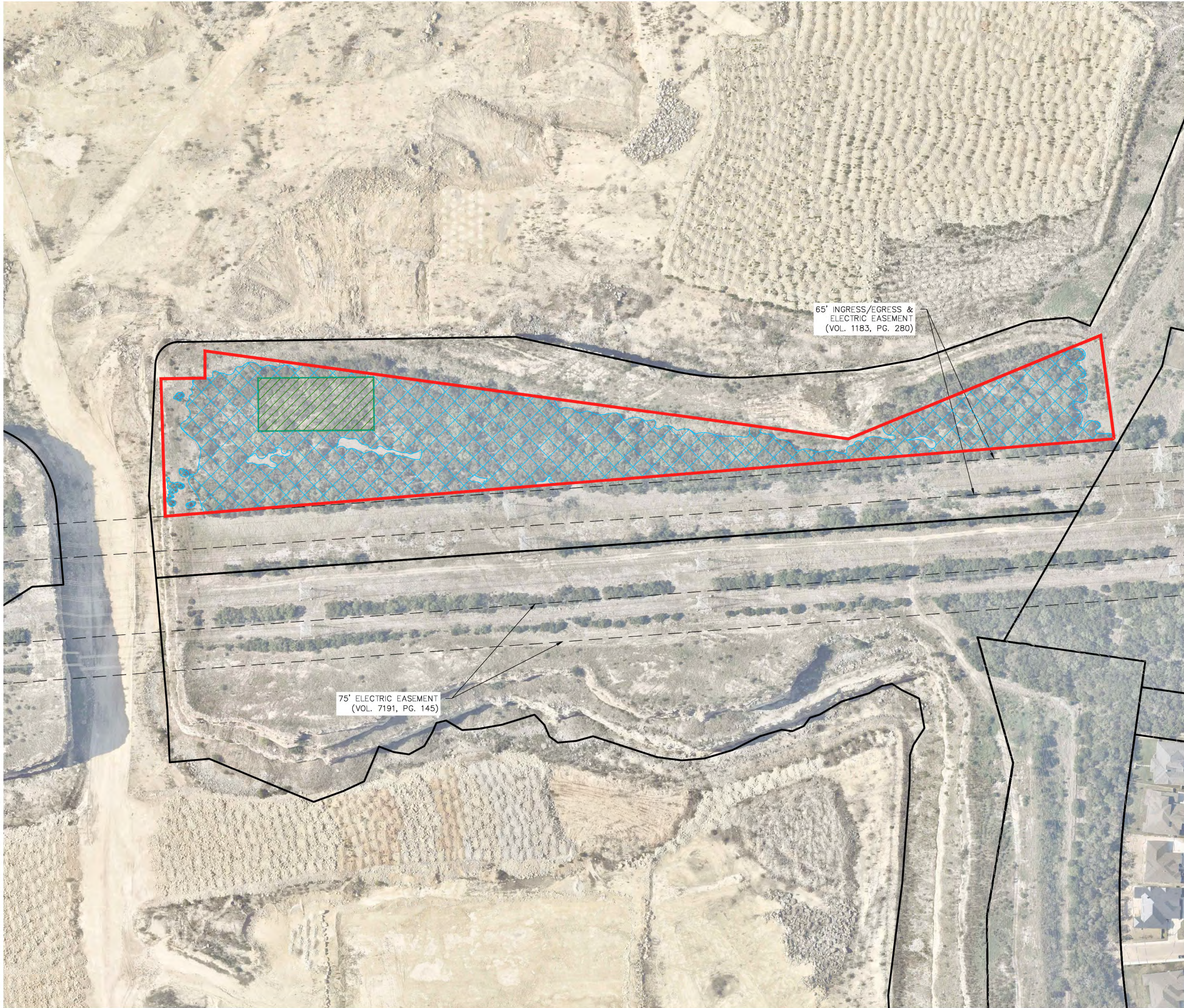
DATE **Nov 2023**

SHEET **1.0**

2000 NW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #10028800

Date: October 16, 2023, 9:57 AM - User ID: devine
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0323.dwg

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LEGEND

- TREE SAVE EASEMENT (6.64 AC)
(DOC#20240002533)
- TREE CANOPY PRESERVED FOR
KINDER WEST TREE PLAN (5.17 AC)
- TREE CANOPY PRESERVED FOR
KINDER RANCH AGI, UNIT1-B & 1C
(0.50 AC)

TRE-APP-APP21-38800720
AP#2269620
TREE PRESERVATION
APPROVED
DATE 1/11/2024
BY *Heminda Lopez*
****AMENDMENT #6****

TREE FENCING INSPECTION
REQUIRED BEFORE SITE WORK
CALL 207-1111 TO SCHEDULE

NO.	REVISION	DATE

ROGERS SHAVANO RANCH - 17.24 ACRES
SAN ANTONIO, TEXAS
TREE CANOPY EXHIBIT

PLAT NO.	--
JOB NO.	8802-64
DATE	OCTOBER 2023
DESIGNER	AS
CHECKED	AS DRAWN DD
SHEET	1 OF 2

