OAK TREE REPORT

DATED OCTOBER 2001

(Revised 1-7-02 & 8-26-02)

KHANTZIS PROPERTY

OAK TREE REPORT

THE OAK CONSERVATIVE
OAK TREE SPECIALISTS

The Oak Collaborative

P.O. Box 1752 Thousand Oaks, CA 91358 (805) 340-1260

OAK TREE REPORT
KHANTZIS AGOURA OFFICES
October 23, 2001 (Revised 1-7-02 & 8-26-02)

PROJECT: **KHANTZIS AGOURA OFFICES**
Carlos A. Khantzis
4734 Galendo Street
Woodland Hills, California 91367

Attn.: Carlos A. Khantzis

SUBJECT SITE:

KHANTZIS AGOURA OFFICES
(PARCEL 2 OF PARCEL MAP 15762)
AGOURA HILLS, CALIFORNIA

GENERAL STATEMENT

On October 5 and 6, 2001 an Oak Tree "Survey was conducted at the Subject Site. A ground level field inventory and external details (caliper size, general health and physical & aesthetic character) were recorded, based upon the existing site conditions. Seventy-five (75) Quercus Trees (63-Quercus lobata = Valley Oak and 12-Quercus agrifolia) were evaluated for there present condition based on "owner's" concern for their general health and damage potential relative to the proposed new Office complex construction. The results of the "Survey" are shown on the attached Tree Evaluation Forms (DB) and Oak Tree Map, are indicated herein.

PURPOSE AND SCOPE

The purpose and scope of this report, in accordance with the City of Agoura Hills Zoning Ordinance #9657 and #9657.5 Appendix A **Oak Tree Preservation Guidelines**, is to identify native and "planted" oak species and evaluate their present condition. A report on impacts, if known, and proposed mitigation measures is required, for submittal to the City for review by the Planning Department, if <u>any</u> work is planned to take place in or within the "PROTECTED ZONE" of any Quercus genus two (2") inches, and over, in diameter at 42" above grade.

SITE CONDITIONS

The site for the Trees is located on the south side of Agoura Road, across from the TEREDYNE facility, between the Reyes Adobe Road and the west Agoura City limits. The general topography is rolling and sloping downward from the south to the north toward a small arroyo near the west boundary. A small arroyo flows along the eastern boundary and a previously constructed storm water retention area, at the north east quarter of the site, was created during the installation of Agoura Road. The high point of the Site is located at the southeast corner of the property. Additional Oak Trees are located off-site to the east south and southwest. The property is bordered by undeveloped land to the east and south, a multi-family project to the west, and Agoura Road to the north. Other existing flora at the Site and adjacent include Rhamnus, Baccharis, Willow, Poison Oak, Eriogonum, Elymus, Sumac, Elderberry, sage scrub, disturbed grassland and, of course, Mustard & wild oats. Fourteen on-site and Four off-site Oak Trees have been "tagged" with aluminum flags on their northerly sides, for identification purposes.

Tree KT-1 is at the northeast corner of the property. KT-2 thru KT-16a are on the west side of the easterly retention area. Trees KT-17 thru KT-29 are in the southeast corner of the site. Trees BT-16 and BT-18 are in the southeast of the site. Tree K-30 thru KT-38 are along the southerly boundary of the site. KT-39a thru KT-48 are in the southerly center of the site. KT-49 thru KT-60 are in the north center of the site. KT-61 thru KT-68 are along the northerly boundary with Agoura Road. And KT-69 and KT-70 are at the western area of the site. All the Oak Trees are on relatively sloping terrain, surrounded by disturbed (disc harrowed) grassland and sage scrub. Trees KT-2, KT-17, KT-23, KT-26, KT-33, KT-38, KT-39a KT-58, KT-59, KT-60, KT-69 and KT-70 are fully matured Trees and exhibit the normal characteristics of those of a more mature age, ie. fire damage, minor infestations of pit scale/twig girdler, exudation, exfoliation, etc. trees KT-23 and KT-26 are considered to be "Landmark" Trees, as their trunk diameters are greater than forty-eight (48") inches. Trees KT-3 thru KT-16a, KT-20, KT-22, KT-24, KT-25, KT-27, KT-29, KT-30, KT-31, KT-32, KT-34, KT-37a, KT-39a, KT-40, KT-41 thru KT-47, KT-51 thru KT-57, KT-62, KT-63 and KT-66 are young to seedling aged Trees and are in relatively good health. All other Tree are in various stages of youth to maturity. See Oak Tree Map, Tree Evaluation (DB) and Canopy Height Forms (DB) for specific notes and remarks relative to these Oak Trees.

WORK PROCEDURES (AS APPLICABLE)

All work, as applicable, (construction / maintenance activity) around existing oak trees is recommended to follow this work procedures program. This program has been developed to minimize the impacts to each tree and protect them from unscheduled damage and unauthorized treatment.

1. **All work** within the oak tree aerial/root ("protected") zone shall be regularly observed by the oak tree preservation consultant.

2. The extent of all new construction work affecting oak trees shall be staked, where applicable, by field survey and reviewed with the oak tree preservation consultant.

3. Any approved pruning shall be done by a qualified tree trimmer, and observed by the oak tree preservation consultant of record.

4. **Hand dig** vertical trench or fence post(s) at the final location to final grade and "bridge-over", move footing/post or cleanly cut and seal with tree/root seal, as approved by the oak tree preservation consultant, any and all roots encountered . (This procedure shall protect the root system from unnecessary damage by excavation equipment).

5. All footings for wall construction (as applicable) shall be designed to provide minimal impact to the tree and backfilled with topsoil. Where roots greater in diameter than one (1") inch are encountered, footings must be "bridged" over the affected roots.

6. Unless waived, a minimum five (5') foot high temporary chain link fence shall be constructed at the limit of approved work, prior to the commencement of work, to protect the adjacent trees from further unauthorized damage and remain in place until completion of construction. A Fencing Plan shall be submitted at the preconstruction meeting. The fence must have four (4) warning signs located equidistant from each other around each Tree or group of Trees. For groves of Oak Trees, the signs must be no further than fifty (50') feet apart around the grove. The signs must be two (2') feet square and contain the following language:

WARNING
THIS FENCE SHALL NOT BE REMOVED OR RELOCATED WITHOUT WRITTEN AUTHORIZATION FROM THE CITY OF AGOURA HILLS DEPARTMENT OF COMMUNITY DEVELOPMENT

Should any work be required within the limit of work, and the temporary fence must be opened, the oak tree preservation consultant **must** direct **all work** at any time the fence is open.

7. No further work within the aerial/root ("protected") zone shall be done beyond that which was approved, without obtaining written approval prior to proceeding.

8. The area within the chain link fence shall not be used at any time for material or equipment storage or parking.

9. No chemicals or herbicides shall be applied to the soil surface within 100' of an oak tree's aerial/root (protected) zone.

10. Copies of the following shall be maintained on the site during any work to or around the Oaks, as applicable:

OAK TREE REPORT
OAK TREE PERMIT
OAK TREE LOCATION MAP
ENGINEERING PLANS
OAK TREE PRESERVATION AND GUIDELINES
OAK TREE ORDINANCE
APPROVED SITE PLAN
APPROVED PLANTING AND IRRIGATION PLAN

11. Oak Tree preservation device such as air ventilation systems, tree wells, drains, special paving and branch cabling, if required, must be installed prior to completion of grading and prior to the construction phase.

12. A utilities trenching pathway plan must be submitted, prior to completion of grading and prior to the construction phase, in order to avoid unnecessary damage to the Tree root systems. The plan shall indicate the routing of all trenching including but not limited to storm drains, subdrains, sewers, easements, area drains, gas lines, electrical service, cable TV, water mains, irrigation main lines and any other underground installations.

13. In areas where Trees are in or adjacent to walkways or parking areas, pervious paving shall be employed to mitigate the effects of root air space reduction, as approved.

14. Oak Tree removals shall be replaced as follows:

Commercial properties---- For dead or hazardous Trees, one (1) thirty-six inch box Oak Tree shall be planted on site for each unhealthy Oak Tree approved for removal.

For healthy Trees, two (2) twenty-four inch box specimen Oak Trees and one (1) thirty-six inch box specimen Oak Tree shall be planted on site for each healthy Oak Tree approved for removal. For landmark trees (forty-eight inch diameter and larger), a nursery grown Oak Tree of equivalent diameter to the Tree removed or two (2) nursery container grown sixty-inch box Oak Trees shall be planted on site for each healthy Oak Tree approved for removal.

Residential properties------For dead or hazardous Trees one (1) thirty-six inch box Oak Tree shall be planted on site for each Tree approved for removal. However, in cases where houses currently exist on the property, the requirement for replacement shall be one (1) fifteen gallon Oak Tree be planted on site for each unhealthy Tree approved for removal. For landmark trees (forty-eight inch diameter and larger), one (1) nursery container grown sixty-inch box Oak Tree shall be planted on site for each healthy Oak Tree approved for removal.

In the case of Trees which are candidates for transplant, a refundable cash deposit, in the amount equal to the cost of purchasing an equivalent nursery grown Oak Tree, shall be made with the City. The deposit will be refunded after twelve (12) months if, in the opinion of the City's Oak Tree Consultant, the transplanted Tree has survived and is considered to be in good health. Should the Tree be in marginal health or physical condition, the deposit will be retained for an additional twelve (12) months. At the end of the second twelve month period, should the Tree continue to be in a marginal or poor health condition, then the Tree shall be removed and replaced with an equivalent nursery grown Oak Tree and the deposit will be retained for at least an additional twelve (12) months.

15. Whenever any construction work is being performed contrary to the provisions of the Oak Tree Permit/Ordinance, a City inspector may issue a written notice to the responsible party, to stop work on the project on which the violation occurred or upon which danger exists. The "Stop Work Order" will state the nature of the violation or danger and no work may proceed until the violation has been rectified and approved by the code enforcement officer or City's Oak Tree Consultant.

During any construction and/or treatment, tree work and impacts must be closely monitored to further mitigate shock symptoms should they occur. If needed, water must be provided to irrigate the tree(s) and also to wash the dust from foliage.

PROTECTION

Per paragraph 6 above, to preserve Oak trees in a construction area, a minimum 5' height chain link **fence** must be installed at the limit of work, prior to any clearing, grubbing, demolition, construction and/or treatment, in order to protect the sensitive "Z.O.N.E.", during all work operations. The Oak Tree Preservation Consultant of record must "function" as the **fence** for any work necessary within the Z.O.N.E. fenced area, while directing or observing work in and near any oak tree.

Z.O.N.E.= "Zone of Nutraire Endemic" (the area of natural or amended planting medium which may extend to or beyond the dripline of a native tree). An oak care and maintenance guideline, as provided by the City of Agoura Hills, should be followed, as well as regular monitoring throughout each tree's life cycle, by a qualified Oak Tree Preservation Consultant.

EVALUATION CRITERIA

In evaluating oak trees, as with any other trees, the reporting format records the external observation of the tree(s) at the time of the "survey," including approximate sizes of trunk, height and spread of the branching system to the outer drip line, surface observation of the trees' condition and other pertinent information. The Rating designation assigns a health/aesthetic value for each tree. Ratings range from "A" to "F", with "A" as the indicator of a tree exhibiting the best condition for the species in the area, and the lower letters indicating lesser values. The "C" value represents an average condition for the species. An "F" rating is a candidate for removal for health or hazard reasons.

Plus (+) and minus (-) sub-values are assigned where a clear letter designation is not appropriate. The letter "E" is not used in order to avoid confusion with the term "excellent".

CARE AND SAFETY

It must be noted that the tree referred to in this report is a living organisms, and therefore subject to change. And since internal, crown or subsurface systems could not be investigated, no warranties, either expressed or implied, are made that these trees will be in any condition other than as observed and reported herewith, beyond the date of the inventory walk-thru ("survey"). A copy of the OAK TREE--CARE AND MAINTENANCE , for the care and maintenance of Oak trees, is available from The City of Agoura Hills for use in providing guidelines for the "on-going" maintenance of your Oak trees. The preferred maintenance procedure used in caring for native Oak trees is to promote and encourage

proper vigor within the tree systems. In this way, the natural defenses are better able to ward-off pests and diseases.

CONSTRUCTION AND MAINTENANCE PROCEDURES

According to the "City" Oak Tree Ordinance, all work, should it be necessary, within the "Protected Zone" (that area enclosed by a line five (5') feet beyond the natural "drip line" of the Oak Tree, but not less than fifteen (15) feet) shall be done using hand tools under the observation of the Oak Tree Preservation Consultant. This also includes pruning / trimming for clearance. Pruning for aesthetics is not permitted in the Ordinance.

Current impacts and maintenance/treatment procedures for the Oak Trees at the Khantzis Agoura Offices project consist of the following (also see Tree Evaluation Form (DB), Canopy Heights Form (DB), and Oak Tree Map):

1) GENERAL:

IT IS OUR RECOMMENDATION THAT THE FOLLOWING TREATMENT(S) TO THE APPROPRIATE OAK TREES BE IMPLEMENTED:

OAK TREE PRESERVATION CONSULTANT IS TO MONITOR AND DIRECT ALL WORK WITHIN THE "PROTECTED ZONES" OF ALL THE TREES.

REMOVE DEADWOOD FROM APPROPRIATE SPECIMENS.

CLEAN-CUT PRIOR PRUNING/BROKEN BRANCH SCARS, AS NECESSARY. CLEAN OUT TRUNK CAVITIES AND "SCREEN" OPENINGS. CLEAN AND SCREEN WATER TRAPS. CLEAN FILL FROM BASE OF TRUNKS (WITHOUT DAMAGING FEEDER ROOTS OR SEEDLINGS) AS DIRECTED.

REMOVE "WATERSPOUTS" AND CROSSING BRANCHES AS DIRECTED.

PROTECT "DUFF" AREAS TO ALLOW SEEDLINGS TO ESTABLISH.

THE "PROTECTED ZONES" OF TREES KT-4, KT-7, KT-8a, ***KT-8b,*** KT-8c, ***KT-20, KT-27,*** KT-29, ***KT-31,*** KT-32, KT-37a, KT-38, ***KT-39a, KT-40, KT-41,*** KT-42, KT-43, KT-44, KT-45, KT-46, KT-47, KT-50, KT-56, KT-61 and KT-69 WILL BE ENCROACHED UPON BY CONSTRUCTION AND/OR GRADING. TREES ***KT-4, KT-7, KT-8a,*** KT-8b, KT-40, KT-41 ***KT-42, KT-43,*** KT-44, KT-45, ***KT-46,*** KT-47 AND ***KT-56*** ARE IN DIRECT CONFLICT WITH ***GRADING,*** BUILDING AND/OR PAVING CONSTRUCTION, AND ARE PROPOSED FOR REMOVAL AND / OR TRANSPLANT - SEE TREE MAP AND IMPACT NOTES HEREIN.

FINAL DETERMINATION OF TREATMENT WILL BE AS DIRECTED IN THE FIELD BY THE OAK TREE PRESERVATION SPECIALIST.

IMPACT NOTES:

1) **TREE #KT-4:**

IMPACT(S):

SITE GRADING

RECOMMENDATION(S):

REMOVE TREE AND TRANSPLANT , ON SITE, OR REPLACE WITH TWO (2) TWENTY-FOUR (24") BOX AND ONE (1) THIRTY-SIX (36") INCH BOX QUERCUS LOBATA OR AGRIFOLIA SPECIMENS.

2) ***TREE #KT-5:***

IMPACT(S):

SITE GRADING

RECOMMENDATION(S):

MINIMIZE GRADING WITHIN "PROTECTED ZONE".

MONITOR CONSTRUCTION ACTIVITY.

3) ***TREE #KT-6:***

IMPACT(S):

SITE GRADING

RECOMMENDATION(S):

MINIMIZE GRADING WITHIN "PROTECTED ZONE".

MONITOR CONSTRUCTION ACTIVITY.

4) **TREE #KT-7:**

IMPACT(S):

SITE GRADING

RECOMMENDATION(S):

REMOVE TREE AND TRANSPLANT , ON SITE, OR REPLACE WITH TWO (2) TWENTY-FOUR (24") BOX AND ONE (1) THIRTY-SIX (36") INCH BOX QUERCUS LOBATA OR AGRIFOLIA SPECIMENS.

5) **TREE #KT-8a:**

IMPACT(S):

SITE GRADING

RECOMMENDATION(S):

REMOVE TREE AND TRANSPLANT , ON SITE, OR REPLACE WITH TWO (2) TWENTY-FOUR (24") BOX AND ONE (1) THIRTY-SIX (36") INCH BOX QUERCUS LOBATA OR AGRIFOLIA SPECIMENS.

6) **TREE #KT-8b:**

IMPACT(S):

SITE GRADING

RECOMMENDATION(S):

REMOVE TREE AND TRANSPLANT , ON SITE, OR REPLACE WITH TWO (2) TWENTY-FOUR (24") BOX AND ONE (1) THIRTY-SIX (36") INCH BOX QUERCUS LOBATA OR AGRIFOLIA SPECIMENS.

7) **TREE #KT-8c:**

IMPACT(S):

SITE GRADING

RECOMMENDATION(S):

MINIMIZE GRADING WITHIN "PROTECTED ZONE".

MONITOR CONSTRUCTION ACTIVITY.

8) **TREE #KT-20:**

IMPACT(S):

BUILDING LAYOUT

RECOMMENDATION(S):

MINIMIZE GRADING WITHIN "PROTECTED ZONE".

MONITOR CONSTRUCTION ACTIVITY.

9) **TREE #KT-27:**

IMPACT(S):

BUILDING LAYOUT

RECOMMENDATION(S):

MINIMIZE GRADING WITHIN "PROTECTED ZONE".

MONITOR CONSTRUCTION ACTIVITY.

10) **TREE #KT-29:**

IMPACT(S):

BUILDING LAYOUT

RECOMMENDATION(S):

MINIMIZE GRADING WITHIN "PROTECTED ZONE".

MONITOR CONSTRUCTION ACTIVITY.

11) **TREE #KT-31:**

IMPACT(S):

BUILDING LAYOUT

RECOMMENDATION(S):

MINIMIZE GRADING WITHIN "PROTECTED ZONE".

MONITOR CONSTRUCTION ACTIVITY.

12) **TREE #KT-32:**

IMPACT(S):

SITE GRADING AND BUILDING LAYOUT

RECOMMENDATION(S):

MINIMIZE GRADING WITHIN "PROTECTED ZONE".

MONITOR CONSTRUCTION ACTIVITY.

13) **TREE #KT-37a:**

IMPACT(S):

BUILDING LAYOUT

RECOMMENDATION(S):

MINIMIZE GRADING WITHIN "PROTECTED ZONE".

MONITOR CONSTRUCTION ACTIVITY.

14) **TREE #KT-38:**

IMPACT(S):

SITE GRADING

RECOMMENDATION(S):

MINIMIZE GRADING WITHIN "PROTECTED ZONE".

MONITOR CONSTRUCTION ACTIVITY.

15) **TREE #KT-39a:**

IMPACT(S):

SITE GRADING

RECOMMENDATION(S):

MINIMIZE GRADING WITHIN "PROTECTED ZONE".

MONITOR CONSTRUCTION ACTIVITY.

16) **TREE #KT-40:**

IMPACT(S):

SITE PAVING

RECOMMENDATION(S):

REMOVE TREE AND TRANSPLANT , ON SITE, OR REPLACE WITH TWO (2) TWENTY-FOUR (24") BOX AND ONE (1) THIRTY-SIX (36") INCH BOX QUERCUS LOBATA OR AGRIFOLIA SPECIMENS.

17) **TREE #KT-41:**

IMPACT(S):

SITE GRADING

RECOMMENDATION(S):

MINIMIZE GRADING WITHIN "PROTECTED ZONE".

MONITOR CONSTRUCTION ACTIVITY.

18) **TREE #KT-42:**

IMPACT(S):

SITE GRADING AND PAVING

RECOMMENDATION(S):

REMOVE TREE AND TRANSPLANT , ON SITE, OR REPLACE WITH TWO (2) TWENTY-FOUR (24") BOX AND ONE (1) THIRTY-SIX (36") INCH BOX QUERCUS LOBATA OR AGRIFOLIA SPECIMENS.

19) **TREE #KT-43:**

IMPACT(S):

SITE GRADING

RECOMMENDATION(S):

REMOVE TREE AND TRANSPLANT , ON SITE, OR REPLACE WITH TWO (2) TWENTY-FOUR (24") BOX AND ONE (1) THIRTY-SIX (36") INCH BOX QUERCUS LOBATA OR AGRIFOLIA SPECIMENS.

20) **TREE #KT-44:**

IMPACT(S):

SITE PAVING

RECOMMENDATION(S):

REMOVE TREE AND TRANSPLANT , ON SITE, OR REPLACE WITH TWO (2) TWENTY-FOUR (24") BOX AND ONE (1) THIRTY-SIX (36") INCH BOX QUERCUS LOBATA OR AGRIFOLIA SPECIMENS.

21) **TREE #KT-45:**

IMPACT(S):

SITE GRADING

RECOMMENDATION(S):

REMOVE TREE AND TRANSPLANT , ON SITE, OR REPLACE WITH TWO (2) TWENTY-FOUR (24") BOX AND ONE (1) THIRTY-SIX (36") INCH BOX QUERCUS LOBATA OR AGRIFOLIA SPECIMENS.

22) **TREE #KT-46:**

IMPACT(S):

SITE PAVING

RECOMMENDATION(S):

REMOVE TREE AND TRANSPLANT , ON SITE, OR REPLACE WITH TWO (2) TWENTY-FOUR (24") BOX AND ONE (1) THIRTY-SIX (36") INCH BOX QUERCUS LOBATA OR AGRIFOLIA SPECIMENS.

23) **TREE #KT-47:**

IMPACT(S):

SITE GRADING

RECOMMENDATION(S):

REMOVE TREE AND TRANSPLANT , ON SITE, OR REPLACE WITH TWO (2) TWENTY-FOUR (24") BOX AND ONE (1) THIRTY-SIX (36") INCH BOX QUERCUS LOBATA OR AGRIFOLIA SPECIMENS.

24) **TREE #KT-50:**

IMPACT(S):

SITE GRADING

RECOMMENDATION(S):

MINIMIZE GRADING WITHIN "PROTECTED ZONE".

MONITOR CONSTRUCTION ACTIVITY.

25) **TREE #KT-56:**

IMPACT(S):

SITE PAVING

RECOMMENDATION(S):

REMOVE TREE AND TRANSPLANT , ON SITE, OR REPLACE WITH TWO (2) TWENTY-FOUR (24") BOX AND ONE (1) THIRTY-SIX (36") INCH BOX QUERCUS LOBATA OR AGRIFOLIA SPECIMENS.

26) **TREE #KT-61:**

IMPACT(S):

SITE GRADING

RECOMMENDATION(S):

MINIMIZE GRADING WITHIN "PROTECTED ZONE".

MONITOR CONSTRUCTION ACTIVITY.

27) **TREE #KT-69:**

IMPACT(S):

BUILDING LAYOUT

RECOMMENDATION(S):

MINIMIZE GRADING WITHIN "PROTECTED ZONE".

MONITOR CONSTRUCTION ACTIVITY.

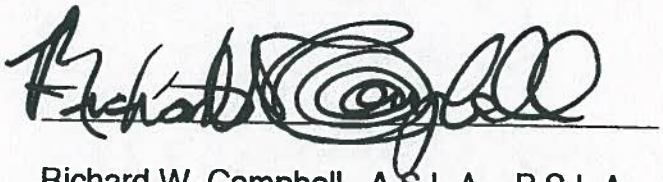
IN ADDITION TO THESE PROCEDURES, A PERIODIC (AT LEAST QUARTERLY) MONITORING FOR POSSIBLE DECLINING BRANCHING SYSTEMS, IS RECOMMENDED.

Other Oak Trees off-site that are within 100' of the construction operations are guarded by the "Reported on" Trees, and will be protected by these "guardian" Trees and the topography; therefore, these off-site "guarded" Trees are not reported on, herein.

Please review this report and return your questions and/or comments to:

The Oak Collaborative
Post Office Box 1752 (805: 340-1260)
Thousand Oaks, California 91358

Cordially,



Richard W. Campbell, A.S.L.A., B.S.L.A.

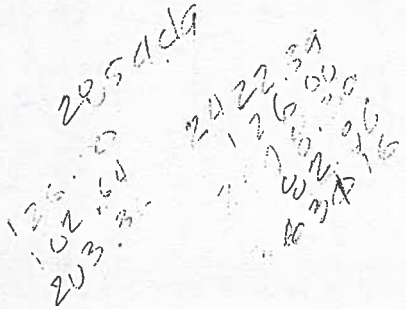
KHANTZIS PROPERTY OAK TP EVALUATION FORM - 74 TREES

TREE NO	BOTANICAL NAME	TRUNK DIAMETER	N	NE	E	SE	S	SW	W	NW	HT	HLTH	APP	REMARKS
KT-1	Quercus lobata	5", 4", 11/2"	8"	10'	10'	8'	10'	12'	4'	2'	24'	C+	C+	Pit scale, deadwood, galls, stressed
KT-2	Quercus lobata	32"	20'	18'	25'	17'	28'	22'	24'	15'	48'	C-	B	Pit scale, deadwood, □stressed, broken branch scars,
														fill on trunk, exocormic growth, branch cavities,
														bees in upper scafold
KT-3	Quercus lobata	2"	3'	1'	2'	1'	1'	3'	1'	3'	10'	C+	C+	Pit scale, deadwood, galls, stressed
KT-4	Quercus lobata	31/2"	3'	3'	3'	3'	5'	6'	6'	7'	13'	C+	C+	Pit scale, deadwood, galls, stressed
KT-5	Quercus lobata	(2) 11/4"	2'	1'	2'	2'	2'	4'	1'	2'	8'	C+	C+	Pit scale, □galls, stressed
KT-6	Quercus lobata	11/2", 3/4", (2) 1/2"	1'	2'	3'	3'	2'	2'	3'	3'	10'	C+	C+	Pit scale, deadwood, galls, stressed
KT-7	Quercus lobata	2", 11/2", 1/2"	4'	2'	5'	2'	4'	5'	5'	4'	13'	C+	C+	Pit scale, deadwood, galls, stressed
KT-8a	Quercus lobata	5", 41/2", 11/4"	5'	7'	9'	8'	7'	6'	4'	4'	19'	C+	C+	Pit scale, deadwood, galls, stressed, fill on trunk
KT-8b	Quercus lobata	11/2", 1", (2) 3/4", (2) 1/2", 1/4"	0'	0'	2'	5'	5'	4'	4'	3'	7'	C+	C+	Pit scale, deadwood, galls, stressed
KT-8c	Quercus lobata	2", (3) 3/4", 1/2", 1/4"	4'	3'	3'	6'	7'	4'	2'	3'	12'	C+	C+	Pit scale, deadwood, galls, stressed
KT-9	Quercus lobata	2"	2'	3'	2'	4'	4'	4'	3'	2'	11'	C+	C+	Pit scale, deadwood, galls, stressed
KT-10	Quercus lobata	(2) 11/2"	3'	1'	3'	3'	3'	3'	3'	3'	12'	C+	C+	Pit scale, deadwood, galls, stressed
KT-11	Quercus lobata	11/2"	1'	3'	2'	2'	3'	3'	3'	2'	9'	C+	C+	Pit scale, deadwood, galls, stressed
KT-12	Quercus lobata	13/4"	1'	3'	3'	3'	3'	3'	4'	2'	12'	C+	C+	Pit scale, deadwood, galls, stressed
KT-13	Quercus lobata	2", 11/4"	2'	3'	3'	2'	3'	1'	1'	4'	13'	C+	C+	Pit scale, deadwood, galls, stressed
KT-14	Quercus lobata	(2) 11/4", (2) 3/4", (2) 1/2"	3'	3'	3'	3'	3'	2'	3'	3'	10'	C+	C+	Pit scale, deadwood, galls, stressed, ants
KT-15	Quercus lobata	(2) 3/4", 1/2"	3'	4'	2'	1'	3'	1'	1'	1'	7'	C+	C+	Pit scale, deadwood, galls, stressed
KT-16	Quercus lobata	23/4", 3/4", 1/2"	4'	5'	6'	5'	4'	0'	4'	4'	14'	C+	C+	Pit scale, deadwood, galls, stressed
KT-16a	Quercus lobata	2", 1"	3'	6'	0'	2'	2'	1'	3'	4'	16'	C+	C+	Pit scale, deadwood, galls, stressed
KT-17	Quercus lobata	50"	30'	32'	36'	22'	32'	28'	25'	30'	55'	C-	B	Pit scale, deadwood, galls, stressed, trunk cavity,
														broken branch scars, leans eastward over barranca,
														wire fencing in trunk, poision oak, rot suspected
KT-18	Quercus agrifolia	(2) 11"	12'	14'	18'	18'	18'	16'	12'	10'	42'	B	B	Twig girdler, deadwood, ants
KT-19	Quercus lobata	7"	0'	0'	0'	24'	24'	8'	0'	0'	20'	B	B	Pit scale, □galls, stressed, leans southerly
KT-20	Quercus lobata	3", 2", (3) 1"	7'	4'	5'	6'	5'	6'	5'	4'	15'	B	B	Pit scale, deadwood, galls, stressed
KT-21	Quercus agrifolia	(2) 11", 4"	17'	18'	20'	20'	22'	20'	18'	16'	24'	C-	B+	Twig girdler, deadwood, trunk cavity, Ehrhorn's scale,
														exposed roots, fire damage
KT-22	Quercus agrifolia	6"	11'	9'	10'	9'	5'	7'	8'	10'	20'	B+	B+	Twig girdler, roots exposed
KT-23	Quercus agrifolia	29", 26"	35'	28'	20'	28'	24'	20'	24'	30'	60'	C+	B	Twig girdler, deadwood, water trap
KT-24	Quercus agrifolia	11/2", 11/4"	4'	4'	3'	2'	2'	3'	4'	4'	10'	B	B	Twig girdler

TREE NO	BOTANICAL NAME	TRUNK DIAMETER	N	NE	E	SE	S	SW	W	NW	HT	HLTH	APP	REMARKS
KT_25	Quercus agrifolia	21/2", (3) 2", (2) 1", (5) 1/2"	6'	6'	6'	8'	8'	8'	8'	5'	19'	B	B	twig girdler
KT-26	Quercus lobata	48"	23'	25'	26'	24'	40'	38'	26'	20'	54'	C-	C	Pit scale, deadwood, galls, stressed, trunk cavity,
														hollow trunk, rot suspected, thining crown,
														broken branch scars
KT-27	Quercus lobata	(2) 13/4"	3'	3'	4'	4'	4'	5'	3'	2'	10'	B	B	Pit scale, galls, stressed
KT-28	Quercus lobata	33"	8'	16'	30'	28'	26'	16'	10'	10'	50'	C-	C	Pit scale, deadwood, galls, stressed, broken branch scars,
														thining crown
KT-29	Quercus lobata	2", 11/4"	4'	3'	1'	2'	3'	3'	3'	3'	11'	C+	B-	Pit scale, deadwood, □stressed
KT-30	Quercus lobata	3", 2", (2) 13/4"	4'	4'	5'	6'	6'	5'	5'	4'	13'	C+	B	Pit scale, deadwood, galls, stressed
KT-31	Quercus lobata	31/4", 11/4", 1", 1/2"	4'	5'	4'	3'	4'	3'	4'	4'	11'	C+	B	Pit scale, deadwood, stressed
KT-32	Quercus lobata	3", 21/2"	5'	5'	3'	7'	5'	6'	5'	3'	12'	C+	B	Pit scale, deadwood, galls, stressed
KT-33	Quercus agrifolia	37"	25'	24'	14'	28'	36'	28'	24'	26'	45'	C	B	Pit scale, deadwood, galls, stressed, broken branch scars
KT-34	Quercus agrifolia	61/2", 51/2", (2) 3"	11'	11'	11'	7'	8'	8'	10'	7'	22'	A	A	Twig girdler
KT-35	Quercus agrifolia	11", (2) 7"	15'	18'	17'	17'	0'	0'	0'	15'	42'	A	A	Twig girdler
KT-36	Quercus agrifolia	13"	13'	12'	13'	14'	19'	12'	12'	12'	42'	A	A	Twig girdler
KT-37a	Quercus agrifolia	5", 2", 11/2", 1"	7'	8'	6'	7'	6'	7'	7'	8'	15'	A	A	Twig girdler
KT-37b	Quercus agrifolia	8"	16'	11'	10'	7'	8'	8'	14'	18'	30'	B+	B+	Twig girdler, poision oak
KT-38	Quercus lobata	38"	15'	23'	22'	24'	24'	21'	19'	15'	42'	C-	C-	Pit scale, deadwood, galls, stressed
KT_39a	Quercus lobata	34"	23'	0'	0'	12'	25'	14'	24'	26'	38'	C-	C-	Pit scale, deadwood, stressed, broken branch scars,
														hollow branching, prior pruning, fire damage, thinning crown,
														exudation stains, exfoliation, rot suspected
KT-39b	Quercus lobata	(2) 3"	3'	6'	5'	7'	8'	10'	5'	7'	13'	C+	B	Pit scale, deadwood, galls, stressed
KT-40	Quercus lobata	2"	3'	2'	3'	2'	3'	2'	3'	3'	13'	C+	C+	Pit scale, stressed
KT-41	Quercus lobata	13/4", 1", (2) 3/4"	3'	5'	4'	4'	3'	2'	2'	1'	11'	C+	C+	Pit scale, stressed
KT-42	Quercus lobata	21/2", 3/4"	2'	3'	4'	4'	4'	3'	4'	2'	15'	C+	C+	Pit scale, galls, stressed
KT-43	Quercus lobata	1", (2) 3/4", 1/2"	4'	4'	3'	2'	2'	3'	2'	2'	9'	C+	C+	Pit scale, galls, stressed
KT-44	Quercus lobata	(5) 1"	3'	2'	4'	4'	4'	3'	3'	3'	8'	C+	C+	Pit scale, galls, stressed
KT-45	Quercus lobata	2"	3'	3'	4'	3'	4'	3'	1'	3'	11'	C+	C+	Pit scale, galls, stressed
KT-46	Quercus lobata	3", 21/2", 21/4", 1"	4'	5'	6'	7'	8'	7'	5'	6'	13'	C+	C+	Pit scale, galls, stressed
KT-47	Quercus lobata	21/4"	2'	2'	3'	3'	2'	3'	1'	2'	11'	C+	C+	Pit scale, galls, stressed
KT-48	Quercus lobata	6"	14'	15'	9'	12'	7'	7'	12'	16'	28'	B	B	Pit scale, stressed
KT-49	Quercus lobata	27", 19"	11'	12'	23'	12'	14'	13'	10'	9'	24'	D	C-	Pit scale, deadwood, galls, stressed, regrown stump,

KHANTZIS PROPERTY OAK TR EVALUATION FORM - 74 TREES

TREE NO	BOTANICAL NAME	TRUNK DIAMETER	N	NE	E	SE	S	SW	W	NW	HT	HLTH	APP	REMARKS
														fire damage, broken 19" dead trunk, hollow trunks, rot observed,
														exocormic growth, exfoliation, barbed wire in trunk,
KT-50	Quercus lobata	71/2"	13'	14'	12'	12'	12'	9'	8'	10'	30'	B	B	Pit scale, deadwood, galls, stressed
KT-51	Quercus lobata	2"	2'	3'	3'	4'	4'	4'	1'	1'	11'	C+	C+	Pit scale, stressed
KT-52	Quercus lobata	(2) 11/4"	2'	3'	6'	4'	5'	5'	0'	0'	14'	C+	C+	Pit scale, galls, stressed
KT-53	Quercus lobata	3", (2) 3/4"	0'	0'	5'	8'	6'	4'	7'	3'	20'	C+	C+	Pit scale, galls, stressed
KT-54	Quercus lobata	4", 3"	5'	6'	6'	8'	3'	6'	7'	7'	22'	C+	C+	Pit scale, galls, stressed
KT-55	Quercus lobata	8", 7"	15'	18'	21'	20'	10'	4'	16'	18'	30'	B	B	Pit scale, deadwood, galls, stressed, codominant scafold leaders
KT-56	Quercus lobata	11/2", 11/4", 1"	4'	3'	5'	4'	5'	3'	3'	3'	10'	C+	C+	Pit scale, stressed
KT-57	Quercus lobata	7"	9'	12'	11'	12'	15'	8'	6'	10'	32'	C+	B	Pit scale, galls, stressed
KT-58	Quercus lobata	39"	32'	23'	21'	24'	36'	15'	26'	28'	48'	C-	C+	Pit scale, galls, stressed
KT-59	Quercus lobata	23"	13'	8'	23'	22'	24'	14'	15'	12'	42'	C-	C	Pit scale, galls, stressed, broken branch scars, crossing branches
KT-60	Quercus lobata	45"	23'	20'	30'	22'	44'	40'	33'	16'	56'	C-	C	Pit scale, deadwood, galls, stressed, broken branch scars,
														abandoned utility lines and insulators in tree, grainery holes in trunk,
														exfoliation, branch cavities, fire damage
KT-61	Quercus lobata	6"	15'	15'	12'	13'	13'	8'	3'	7'	25'	B	B	Pit scale, galls, stressed
KT-62	Quercus lobata	61/2", 5"	16'	0'	4'	6'	6'	5'	8'	16'	28'	B	B	Pit scale, stressed
KT-63	Quercus lobata	5", 4"	7'	10'	8'	4'	6'	4'	6'	8'	35'	B	B	Pit scale, galls, stressed
KT-64	Quercus lobata	7", 4"	0'	0'	6'	17'	10'	12'	3'	2'	36'	C+	C+	Pit scale, stressed
KT-65	Quercus lobata	10", 6", 3", 11/2"	19'	18'	16'	18'	17'	9'	18'	16'	38'	C+	B	Pit scale, galls, stressed, fill on trunk
KT-66	Quercus lobata	11/4", (2) 1"	5'	3'	2'	9'	5'	5'	5'	5'	12'	B	B	Pit scale, galls, stressed
KT-67	Quercus lobata	6", 5"	17'	12'	11'	13'	14'	5'	13'	15'	21'	C+	C+	Pit scale, stressed
KT-68	Quercus lobata	8", 51/2", 3", 2", 13/4", 11/4"	21'	19'	18'	20'	14'	13'	10'	12'	28'	C+	C+	Pit scale, deadwood, stressed, ants
KT-69	Quercus lobata	38"	30'	32'	39'	34'	36'	35'	20'	28'	48'	C	C+	Pit scale, deadwood, stressed, broken branch scars,
														hollow branching, rot observed, thinning crown
KT-70	Quercus lobata	38"	30'	32'	29'	32'	35'	30'	32'	28'	45'	B	B	Pit scale, deadwood, stressed, galls, broken branch scars,
														wire and cable in trunk



KHANTZIS PROPERTY OAK TREE CANOPY EVALUATION FORM - 74 TREES

TREE NO	BOTANICAL NAME	CANOPY HEIGHTS ABOVE ADJACENT GRADE	N	NE	E	SE	S	SW	W	NW
KT-1	Quercus lobata		3'	3'	4'	4'	2'	12'	4'	2'
KT-2	Quercus lobata		20'	12'	2'	0'	0'	0'	0'	22'
KT-3	Quercus lobata		1'	6'	3'	1'	1'	3'	1'	3'
KT-4	Quercus lobata		8'	10'	6'	8'	7'	6'	6'	7'
KT-5	Quercus lobata		0'	6'	6'	5'	4'	5'	4'	4'
KT-6	Quercus lobata		7'	6'	2'	4'	2'	4'	3'	4'
KT-7	Quercus lobata		6'	7'	8'	7'	8'	8'	6'	5'
KT-8a	Quercus lobata		6'	7'	8'	7'	8'	8'	6'	5'
KT-8b	Quercus lobata		0'	0'	5'	4'	4'	5'	5'	6'
KT-8c	Quercus lobata		5'	4'	4'	6'	7'	2'	3'	4'
KT-9	Quercus lobata		6'	5'	4'	7'	7'	3'	4'	1'
KT-10	Quercus lobata		4'	8'	4'	3'	3'	3'	3/	4/
KT-11	Quercus lobata		5'	8'	3'	3'	3'	3'	2'	6'
KT-12	Quercus lobata		1'	3'	2'	1'	10'	6'	10'	4'
KT-13	Quercus lobata		6'	7'	6'	5'	3'	4'	8'	10'
KT-14	Quercus lobata		1'	8'	2'	6'	3'	3'	2'	4'
KT-15	Quercus lobata		6'	7'	5'	5'	2'	1'	1'	1'
KT-16	Quercus lobata		10'	10'	4'	3'	2'	0'	6'	6'
KT-17	Quercus lobata		5'	12'	0'	3'	1'	1'	3'	6'
KT-18	Quercus agrifolia		5'	24'	0'	22'	0'	0'	20'	14'
KT-19	Quercus lobata		8'	10'	0'	0'	0'	10'	18'	10'
KT-20	Quercus lobata		0'	0'	0'	8'	6'	12'	0'	0'
KT-31	Quercus agrifolia		0'	0'	0'	0'	0'	0'	0'	6'
KT-22	Quercus agrifolia		8'	4'	3'	6'	9'	6'	8'	10'
KT-23	Quercus agrifolia		2'	6'	12'	0'	30'	16'	22'	0'
KT-24	Quercus agrifolia		4'	10'	6'	5'	3'	1'	3'	7'
KT-25	Quercus agrifolia		8'	4'	4'	7'	5'	6'	5'	4'
KT-26	Quercus lobata		28'	20'	18'	10'	5'	12'	7'	16'
KT-27	Quercus lobata		7'	6'	4'	5'	6'	7'	5'	7'
KT-28	Quercus lobata		26'	28'	18'	0'	0'	3'	16'	20'
KT-29	Quercus lobata		7'	7'	4'	4'	4'	4'	6'	7'
KT-30	Quercus lobata		7'	7'	3'	6'	6'	4'	5'	10'

THE OAK COLLABORATIVE

KHANTZIS PROPERTY OAK E CANOPY EVALUATION FORM - 74 TREES

TREE NO	BOTANICAL NAME	CANOPY HEIGHTS ABOVE ADJACENT GRADE	N	NE	E	SE	S	SW	W	NW
KT-31	Quercus lobata		10'	10'	6'	4'	3'	5'	6'	8'
KT-32	Quercus lobata		12'	12'	7'	6'	5'	5'	5'	10'
KT-33	Quercus agrifolia		17'	20'	6'	3'	0'	0'	0'	16'
KT-34	Quercus agrifolia		3'	4'	5'	4'	1'	2'	2'	5'
KT-35	Quercus agrifolia		4'	4'	20'	4'	0'	0'	0'	6'
KT-36	Quercus agrifolia		24'	16'	14'	18'	7'	10'	22'	24'
KT-37a	Quercus agrifolia		9'	2'	5'	6'	4'	6'	3'	8'
KT-37b	Quercus agrifolia		0'	10'	8'	14'	10'	10'	12'	0'
KT-38	Quercus lobata		20'	17'	18'	12'	22'	28'	19'	12'
KT-39a	Quercus lobata		0'	0'	0'	10'	0'	6'	10'	5'
KT-39b	Quercus lobata		6'	4'	10'	5'	6'	11'	7'	5'
KT-40	Quercus lobata		3'	2'	9'	4'	7'	10'	10'	3'
KT-41	Quercus lobata		4'	9'	8'	9'	4'	6'	4'	4'
KT-42	Quercus lobata		5'	4'	7'	4'	4'	6'	6'	9'
KT-43	Quercus lobata		7'	3'	6'	4'	5'	5'	4'	4'
KT-44	Quercus lobata		6'	4'	6'	7'	2'	3'	7'	6'
KT-45	Quercus lobata		4'	8'	10'	9'	9'	7'	4'	2'
KT-46	Quercus lobata		6'	12'	12'	4'	3'	8'	7'	2'
KT-47	Quercus lobata		4'	6'	6'	9'	10'	10'	5'	5'
KT-48	Quercus lobata		16'	18'	15'	16'	12'	13'	14'	22'
KT-49	Quercus lobata		7'	18'	10'	20'	1'	4'	7'	8'
KT-50	Quercus lobata		10'	4'	8'	7'	7'	10'	7'	3'
KT-51	Quercus lobata		6'	4'	6'	3'	5'	3'	6'	4'
KT-52	Quercus lobata		3'	8'	4'	6'	12'	8'	0'	0'
KT-53	Quercus lobata		0'	0'	10'	10'	12'	6'	7'	6'
KT-54	Quercus lobata		6'	7'	7'	14'	10'	7'	5'	6'
KT-55	Quercus lobata		8'	18'	26'	12'	6'	12'	9'	9'
KT-56	Quercus lobata		4'	4'	9'	5'	8'	5;	5'	5'
KT-57	Quercus lobata		14'	10'	8'	20'	9'	16'	8'	16'
KT-58	Quercus lobata		18'	14'	38'	30'	0'	25'	10'	8'
KT-59	Quercus lobata		14'	16'	16'	4'	4'	13'	14'	12'
KT-60	Quercus lobata		16'	28'	24'	22'	12'	14'	19'	23'

KHANTZIS PROPERTY OAK TREE CANOPY EVALUATION FORM - 74 TREES

TREE NO	BOTANICAL NAME	CANOPY HEIGHTS ABOVE ADJACENT GRADE	N	NE	E	SE	S	SW	W	NW
KT-61	Quercus lobata		9'	10'	7'	16'	8'	7'	6'	10'
KT-62	Quercus lobata		3'	0'	3'	8'	10'	5'	13'	10'
KT-63	Quercus lobata		9'	16'	12'	10'	16'	4'	9'	12'
KT-64	Quercus lobata		0'	0'	18'	10'	18'	16'	18'	5'
KT-65	Quercus lobata		6'	20'	19'	12'	10'	20'	24'	10'
KT-66	Quercus lobata		1'	7'	6'	7'	10'	5'	8'	10'
KT-67	Quercus lobata		12'	10'	11'	13'	18'	10'	12'	8'
KT-68	Quercus lobata		16'	22'	22'	24'	28'	17'	8'	7'
KT-69	Quercus lobata		20'	24'	12'	25'	18'	12'	16'	16'
KT-70	Quercus lobata		6'	5'	7'	7'	14'	10'	2'	12'

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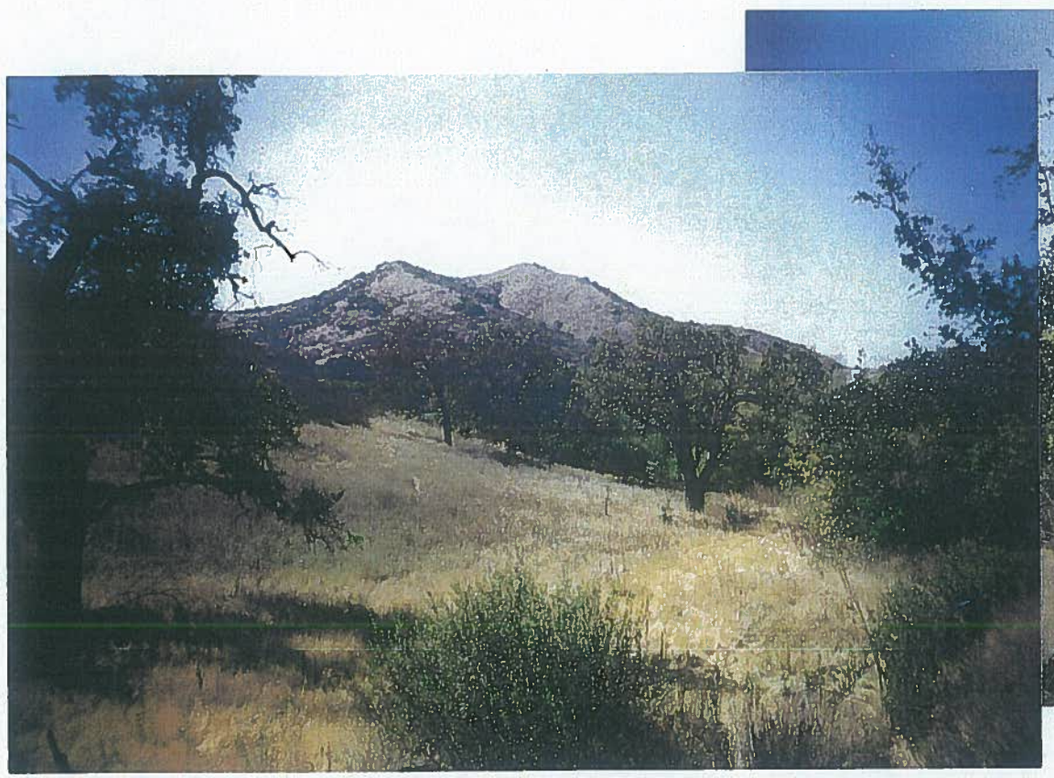

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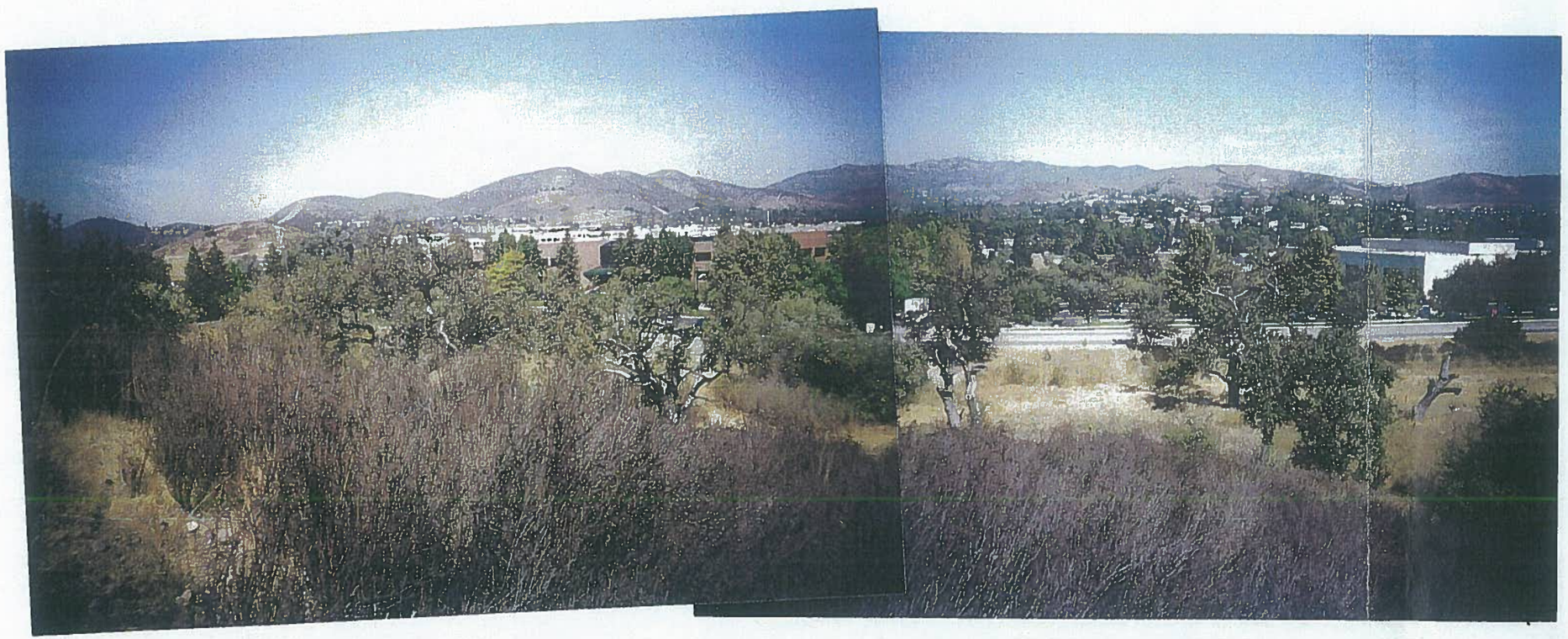

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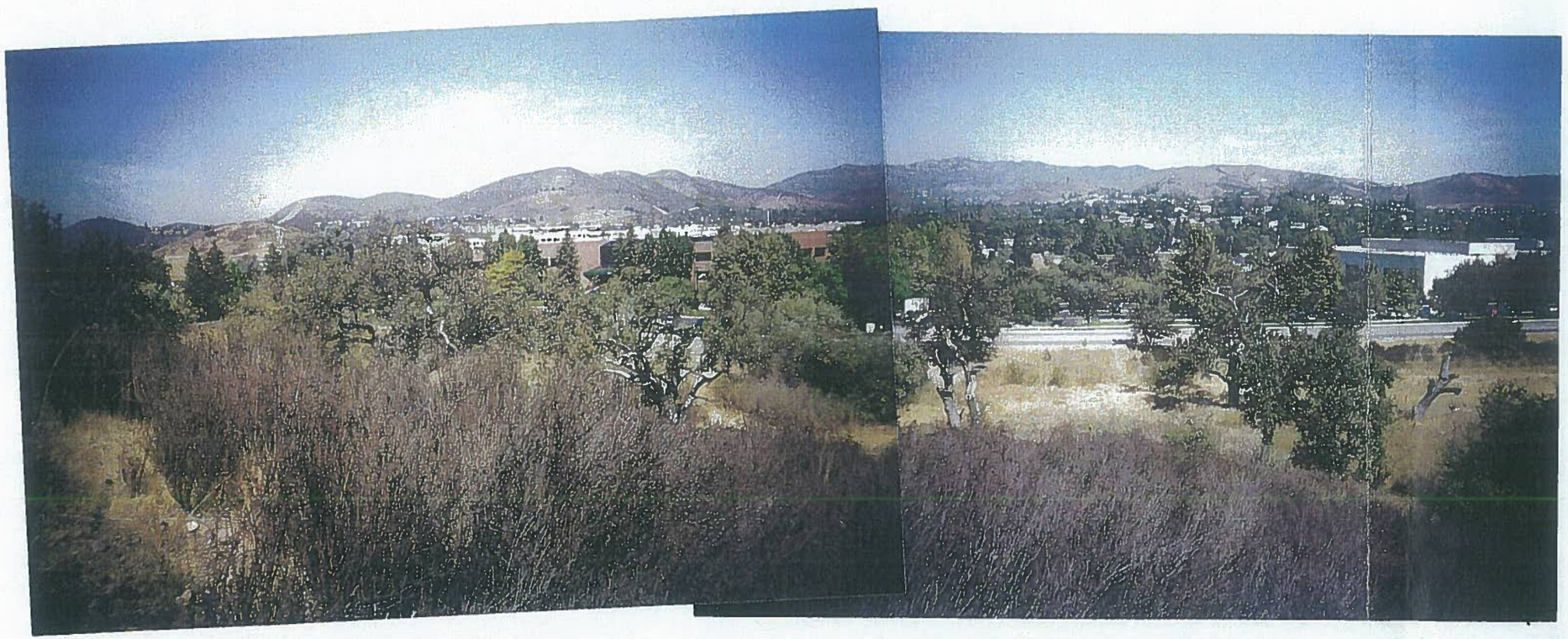

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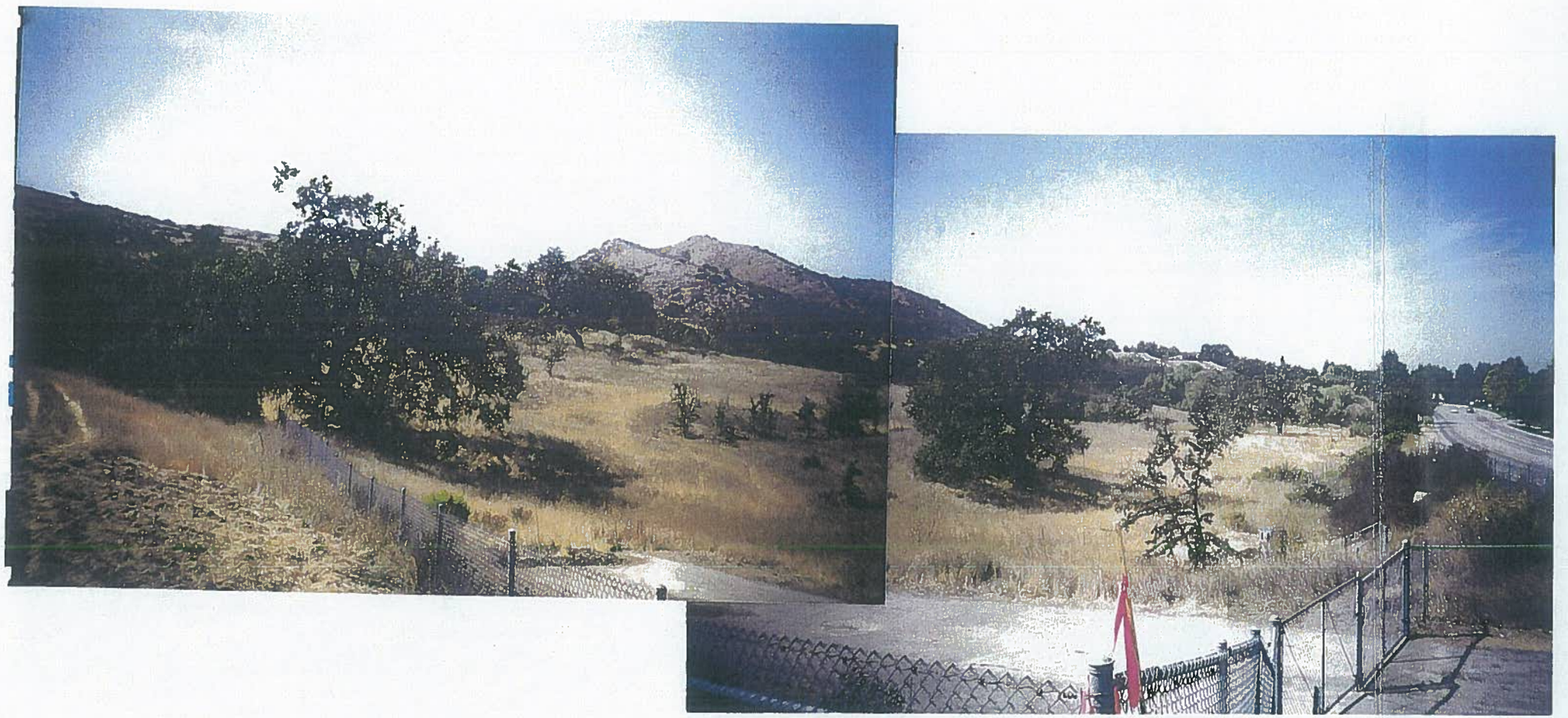

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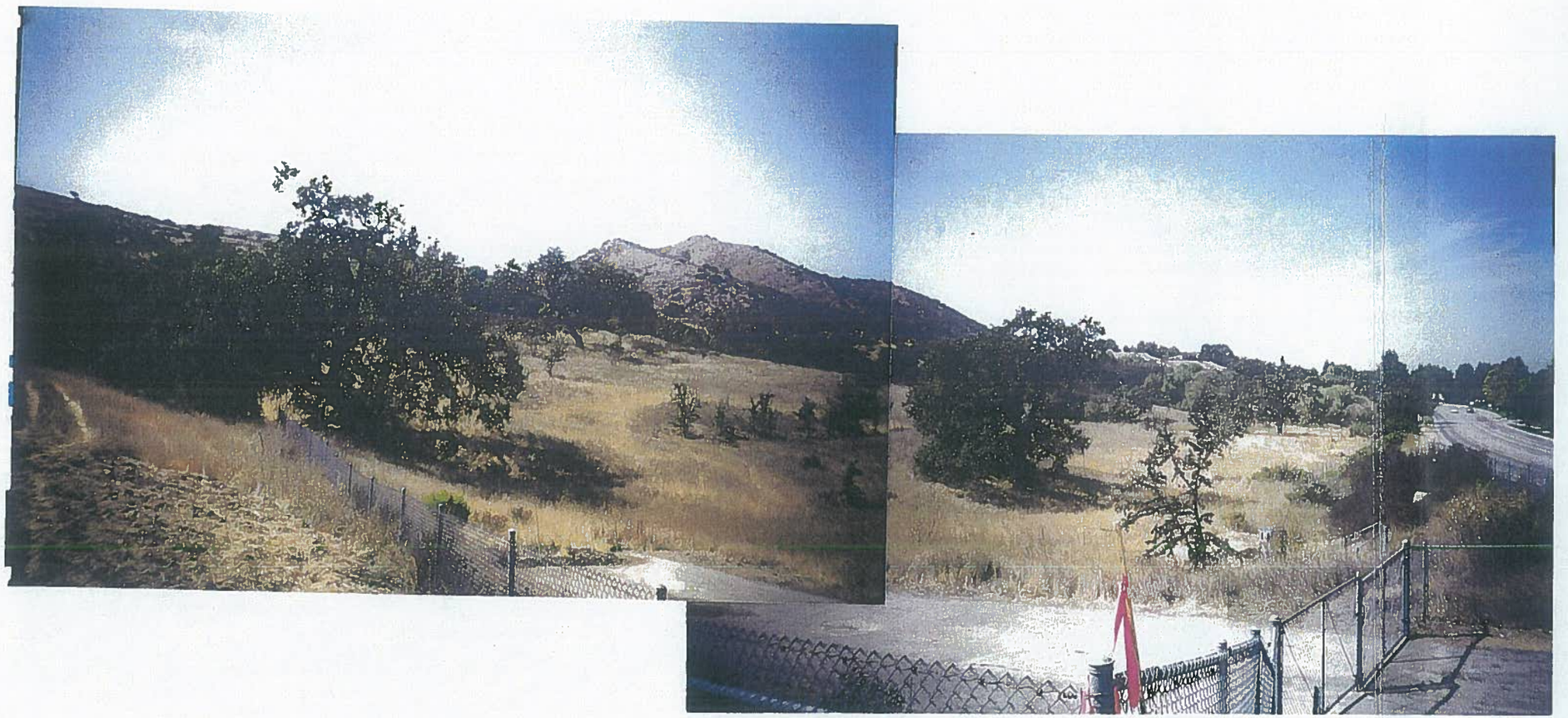

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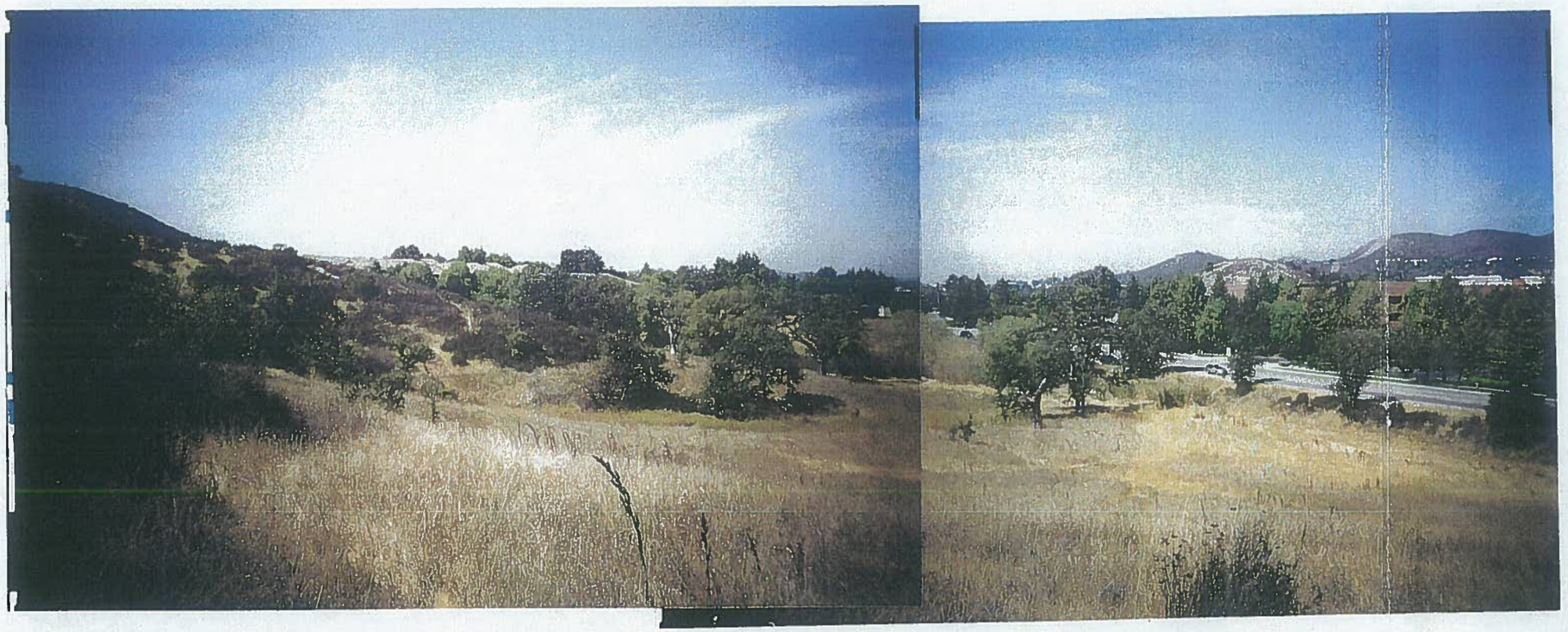

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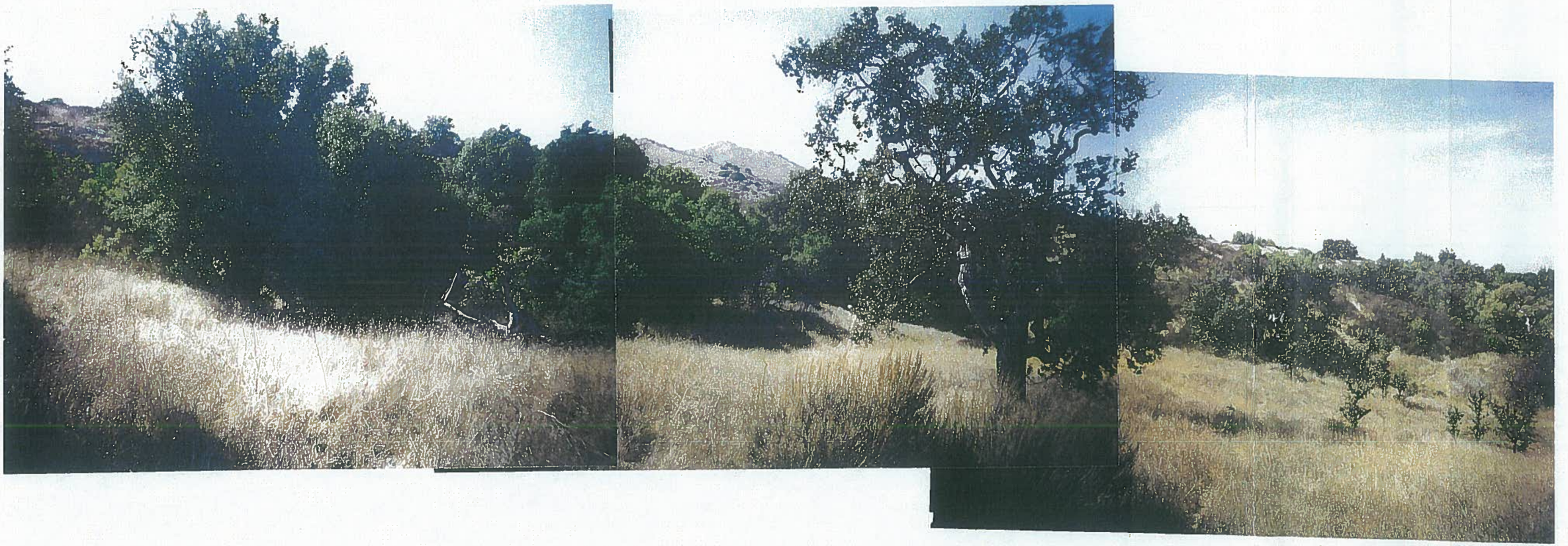

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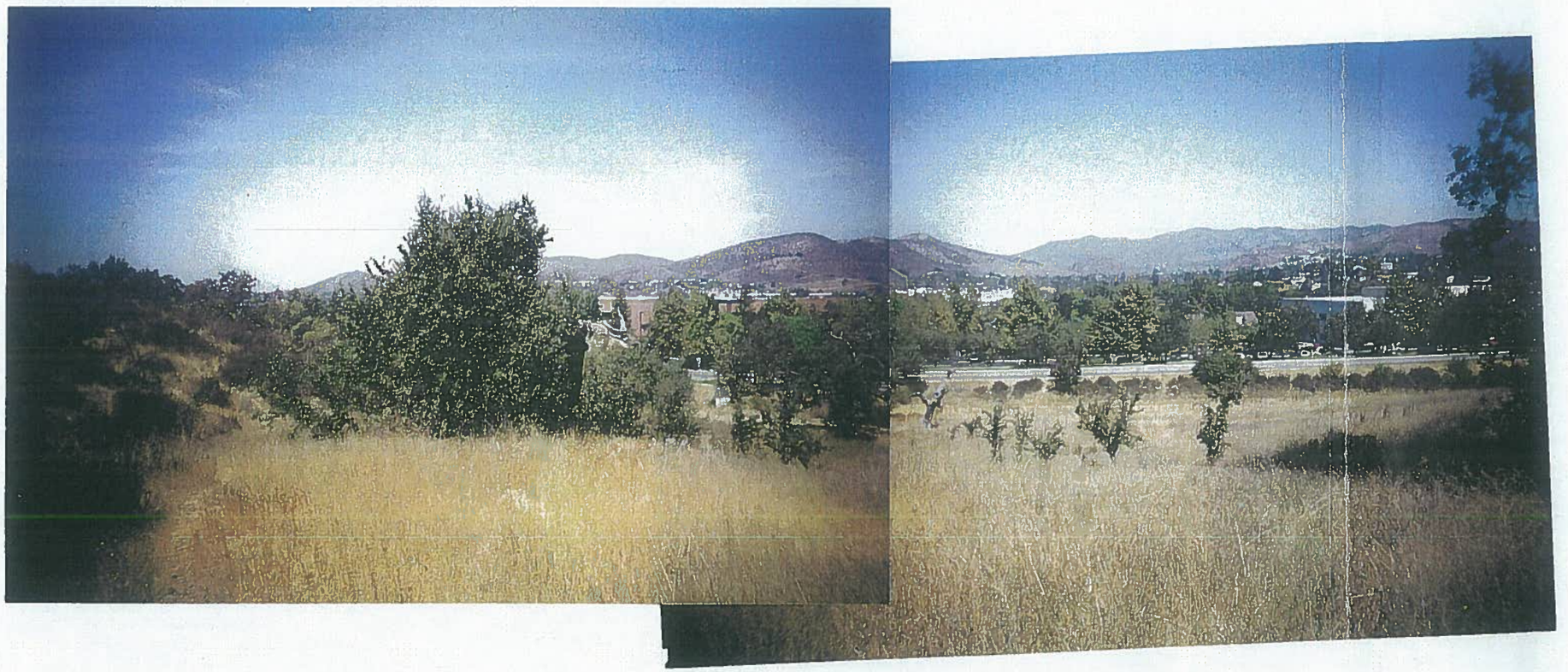
KHANTZIS PROPERTY OAK TREE PHOTO LOG



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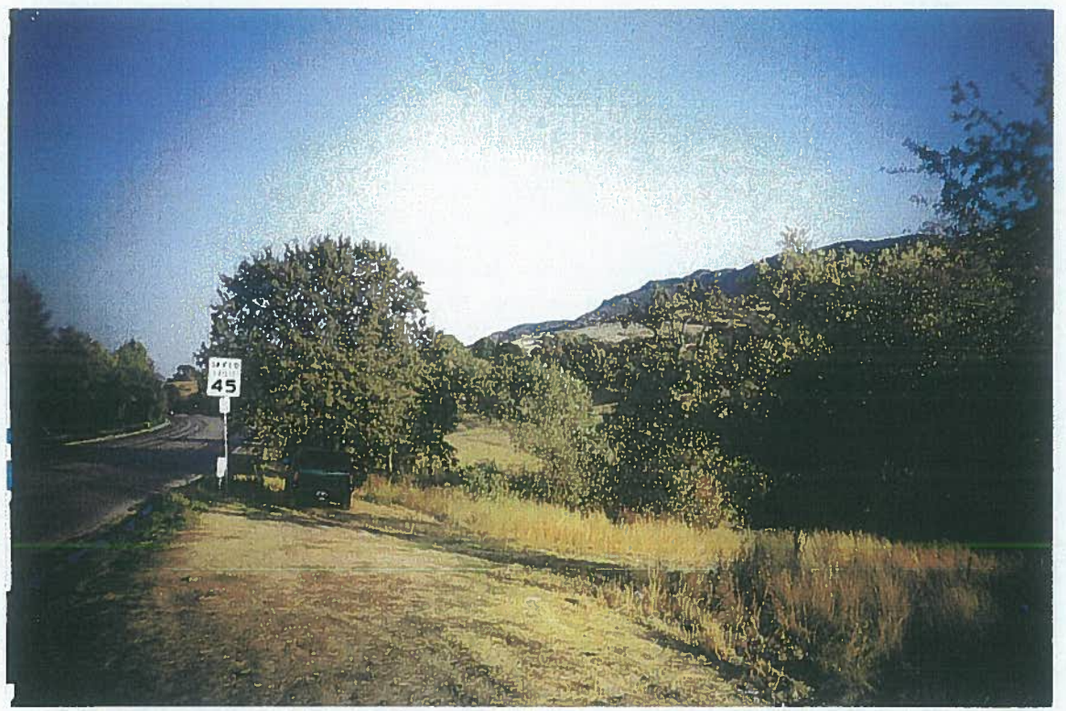

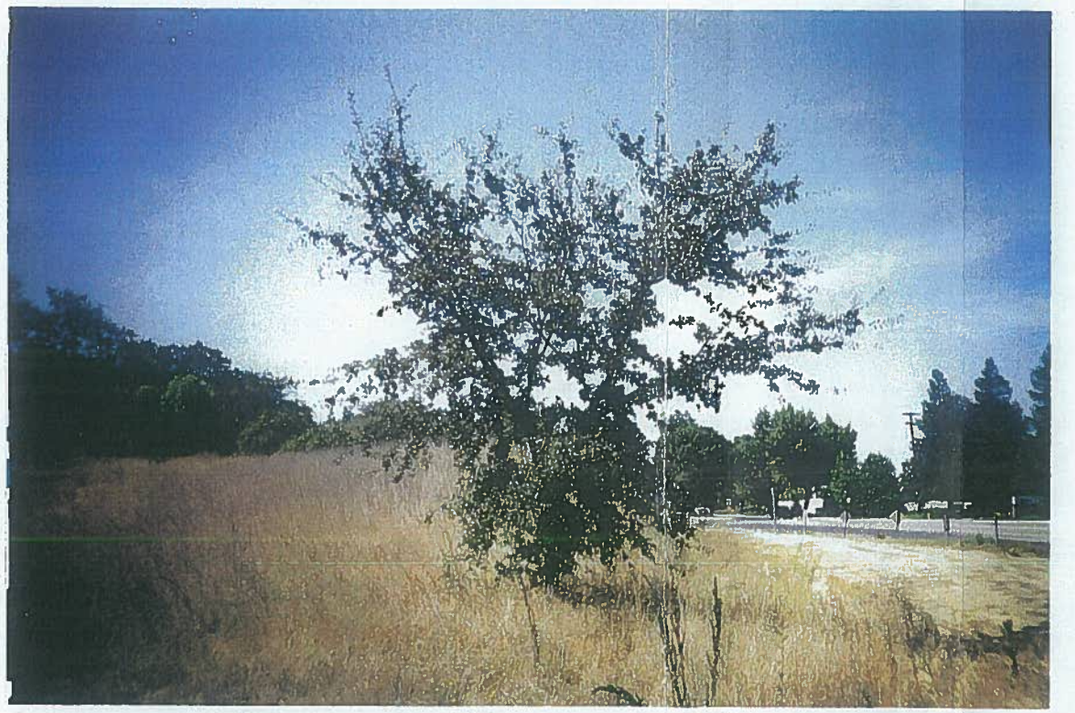

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