

## ARBORIST REPORT

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### **Tree Inventory for Proposed New Buildings Terra Linda High School 320 Nova Albion Way San Rafael, California**

*Prepared for:*  
**San Rafael City Schools  
310 Nova Albion Way  
San Rafael, CA 94903**

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## ASSIGNMENT

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San Rafael City Schools hired **ARBORSCIENCE** to describe selected trees near planned improvements at Terra Linda High School. I conducted my inspection of the trees on November 3, 2017.

## SCOPE OF WORK AND LIMITATIONS

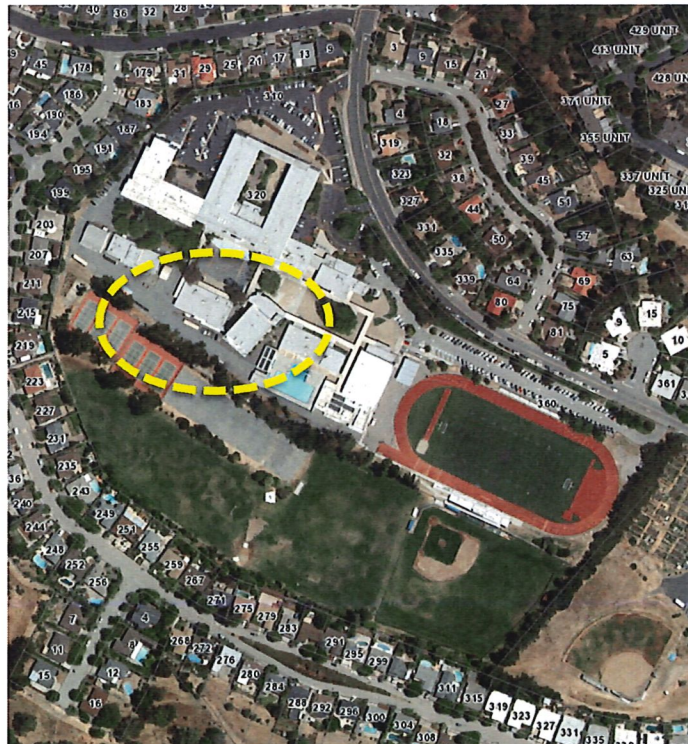
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This assessment is based on the circumstances and observations, as they existed at the time of the site inspection. The opinions in this assessment are given based on observations made and using generally accepted professional judgment, however, because trees are living organisms and subject to change, damage and disease, the results, observations, recommendations, and analysis as set out in this assessment are valid only at the date any such observations and analysis took place and no guarantee, warranty, representation or opinion is offered or made by Arborscience as to the length of the validity of the results, observations, recommendations and analysis contained within this assessment. As a result the client shall not rely upon this Assessment, save and except for representing the circumstances and observations, analysis and recommendations that were made as at the date of such inspections. It is recommended that the trees discussed in this assessment should be re-assessed periodically.

## SITE DESCRIPTION AND CONTEXT

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The subject trees grow in the central portion of the 30-acre Terra Linda High School campus (outlined in yellow below). These trees were likely planted at various times; the largest specimens were established soon after the school was built in 1960.





## SUBJECT TREE DESCRIPTIONS

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The 19 subject trees include 1 American holly (*Ilex opaca*), 1 apple (*Malus pumila*), 6 Chinese elms (*Ulmus parvifolia*), 1 coast live oak (*Quercus agrifolia*), 4 coast redwoods (*Sequoia sempervirens*), 1 eastern redbud (*Cercis canadensis*), 2 eucalypts (*Eucalyptus* sp.), 1 fern-pine (*Podocarpus* sp.), and 2 glossy leafed privets (*Lingustrum lucidum*). These trees are listed in Table 1 by size and condition; their locations are plotted on the Tree Inventory Map.

Most of the subject trees are in good health (exceptions listed below), have been well maintained (exceptions listed below), and present low- to moderate-failure risks. The apple (Tree 5) has extensive lower trunk decay caused by *Ganoderma applanatum*. One of the privets (Tree 16) is in severe decline (cause undetermined). Five of the Chinese elms (Trees 8-10, 17, 18) suffer in varying degrees from the anthracnose fungal pathogen (*Stegophora ulmea*) that creates vertical cankers where wood is exposed and bark along the margins of the canker is swollen. This condition weakens the structural integrity of trunks and can lead to catastrophic limb or trunk failure. The 2 large eucalypts near the amphitheater have considerable deferred pruning maintenance.

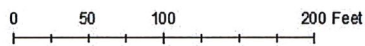
Table 1. Subject trees at Terra Linda High School.

Tree #	Name	Trunk Dia. (in.)	Condition
1	Fern pine	11	Good
2	American holly	1	Good
3	Eastern redbud	1-4 (11)	Good
4	Chinese elm	7, 8	Good
5	Apple	12	Poor, trunk decay
6	Glossy leaf privet	2-3 (4)	Good
7	Coast live oak	4	Good
8	Chinese elm	27	Fair, anthracnose
9	Chinese elm	21	Fair, anthracnose
10	Chinese elm	20	Fair, anthracnose
11	Eucalyptus	30	Good, dead limbs
12	Coast redwood	2	Good
13	Coast redwood	2	Good
14	Coast redwood	2	Good
15	Eucalyptus	34	Good, dead limbs
16	Glossy leaf privet	12	Severe decline
17	Chinese elm	10	Fair, anthracnose
18	Chinese elm	10	Fair, anthracnose
19	Coast redwood	16	Good



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*Sound Tree Advice*



**TREE INVENTORY MAP  
TERRA LINDA HIGH SCHOOL  
SAN RAFAEL, CALIFORNIA**

**ARBORSCIENCE**

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