



Winchester Ranch

Tree Assessment

Prepared for:

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Tree Assessment

Winchester Ranch
San Jose CA

Table of Contents

	Page
Introduction and Overview	1
Assessment Methods	1
Description of Trees	2
Suitability for Preservation	6
Tree Mitigation	8
Tree Preservation Guidelines	9

List of Tables

Table 1. Species present and tree condition.	2
Table 2. Suitability for preservation.	7
Table 3. Tree mitigation.	9

Attachments

Tree Assessment Form

Tree Assessment Plan

Tree Assessment

Winchester Ranch
San Jose CA

Introduction and Overview

David J. Powers & Associates are preparing environmental documents associated with the redevelopment of the Winchester Ranch site, located in San Jose, CA. Current site use consists of a mobile home park, parking, and associated landscape features. David J. Powers requested that HortScience | Bartlett Consulting prepare an assessment of trees currently located on the site. This report provides the following information:

1. A survey of trees currently growing on the site.
2. Estimate of mitigation requirements.

Assessment Methods

Trees were assessed in August and September 2018. Trees were evaluated through a visual assessment from the ground and consisted of the following steps:

1. Tagging each tree with an identifying number and record its location on a map.
2. Identifying the tree as to species.
3. Measuring the trunk diameter at 54-inches above grade. Where trees had more than one stem, trunk diameter was measured at 24-inches.
4. Determining if the tree requires a permit for removal in the City of San Jose (ordinance size tree).
5. Evaluating the health and structural condition using a scale of 0 – 5 where 0 = dead, 1 = poor and 5 = excellent.
6. Noting any significant structural characteristics including decay, poor crown form, dieback, and a history of failure.
7. Rating the suitability for preservation as “high”, “moderate” or “low”. Suitability for preservation considers the health, age and structural condition of the tree, and its potential to remain an asset to the site for years to come.
8. Recording the tree’s location on a map.

Italian cypress trees were counted rather than individually assessed.

Each tree is described in the attached ***Tree Assessment Form*** and its approximate location plotted in the ***Tree Assessment Plan*** located in the ***Attachments***.

Description of Trees

Four hundred thirty-nine (439) trees were assessed, representing 80 taxa (Table 1). All of the trees appeared to have been planted. Species present were typical of landscape plants used in the San Jose area. Several weeping forms of trees were present. Orchard species included cherry, peach, avocado, orange and lemon. Coast live oak and Calif. bay are native to the San Jose area. It is possible that coast live oak #381 and Calif. bay #394 were indigenous to the site but it seems unlikely that tree #200 was indigenous.

Table 1. Species present and tree condition. Winchester Ranch. San Jose CA.

Common name	Scientific name	Condition				No. of Trees	
		Poor (1,2)	Fair (3)	Good (4)	Excell. (5)	Ordinance	Total
Jap. maple	<i>Acer palmatum</i>	3	12	10	1	6	26
Fern pine	<i>Afrocarpus falcatus</i>	1	18	--	--	2	19
Norfolk Island pine	<i>Araucaria heterophylla</i>	1	--	--	1	--	2
Marina madrone	<i>Arbutus 'Marina'</i>	1	--	--	--	--	1
Birch	<i>Betula pendula</i>	--	1	1	--	2	2
Calif. incense cedar	<i>Calocedrus decurrens</i>	2	1	--	--	2	3
Pecan	<i>Carya illinoensis</i>	--	1	--	--	1	1
Weeping blue Atlas cedar	<i>Cedrus atlantica 'Glauca pendula'</i>	--	--	1	--	--	1
Deodar cedar	<i>Cedrus deodara</i>	--	3	2	--	4	5
Weeping false cypress	<i>Chamaecyparis nootkatensis 'Pendula'</i>	--	1	--	--	1	1
Camphor	<i>Cinnamomum camphora</i>	--	--	1	--	--	1
Kumquat	<i>Citrus japonica</i>	--	1	--	--	1	1
Lemon	<i>Citrus limon</i>	4	14	4	--	4	22
Grapefruit	<i>Citrus paradisi</i>	1	1	--	--	1	2
Orange	<i>Citrus sinensis</i>	3	10	6	1	7	20
Tangerine	<i>Citrus tangerina</i>	--	1	--	--	--	1
Cordyline	<i>Cordyline australis</i>	1	3	2	--	4	6
Flowering dogwood	<i>Cornus florida</i>	--	--	1	--	--	1
Italian cypress	<i>Cupressus sempervirens</i>	--	--	5	--	--	5
Persimmon	<i>Diospyros kaki</i>	--	2	--	1	1	3
Elaeagnus	<i>Elaeagnus x submacrophylla</i>	--	1	--	--	1	1
Jap. loquat	<i>Eriobotrya japonica</i>	2	1	1	--	1	4
Fig	<i>Ficus carica</i>	3	3	1	--	2	7
Monterey cypress	<i>Hesperocyparis macrocarpa</i>	1	--	--	--	--	1
Hibiscus	<i>Hibiscus sp.</i>	1	--	--	--	1	1
English holly	<i>Ilex aquifolium</i>	1	2	1	1	1	5
Jacaranda	<i>Jacaranda mimosifolia</i>	2	2	--	--	4	4
Calif. black walnut	<i>Juglans hindsii</i>	--	2	--	--	1	2
Juniper	<i>Juniperus chinensis</i>	--	5	--	1	--	6
Hollywood juniper	<i>Juniperus chinensis 'Torulosa'</i>	16	14	2	--	23	32
Weeping blue juniper	<i>Juniperus scopulorum 'Tollesons'</i>	1	--	--	--	1	1
Crape myrtle	<i>Lagerstroemia cv.</i>	1	18	34	5	--	58
Glossy privet	<i>Ligustrum lucidum</i>	6	6	1	--	4	13
Sweetgum	<i>Liquidambar styraciflua</i>	--	--	1	--	--	1
Southern magnolia	<i>Magnolia grandiflora</i>	--	--	1	--	--	1
Star magnolia	<i>Magnolia stellata</i>	--	--	--	1	--	1
Crabapple	<i>Malus cv.</i>	--	--	1	--	--	1

Table 1, continued. Species present and tree condition. Winchester Ranch. San Jose CA.

Common name	Scientific name	Condition				No. of Trees	
		Poor (1,2)	Fair (3)	Good (4)	Excell. (5)	Ordinance	Total
Apple	<i>Malus domestica</i>	1	2	--	--	1	3
Mayten	<i>Matenus boaria</i>	8	5	1	--	3	14
China berry	<i>Melia adzerach</i>	1	--	--	--	1	1
Oleander	<i>Nerium oleander</i>	3	4	--	--	1	7
Olive	<i>Olea europaea</i>	2	2	--	--	2	4
Avocado	<i>Persea americana</i>	--	6	1	--	1	7
Photinia	<i>Photinia</i> x 'Fraseri'	--	4	--	--	--	4
Blue Colorado spruce	<i>Picea pungens</i> 'Glauca'	--	--	1	1	--	2
Spruce	<i>Picea</i> sp.	--	1	--	--	--	1
Canary Island pine	<i>Pinus canariensis</i>	6	4	--	--	9	10
Aleppo pine	<i>Pinus halepensis</i>	1	--	--	--	1	1
Mugo pine	<i>Pinus mugo</i>	--	1	--	--	1	1
Monterey pine	<i>Pinus radiata</i>	10	1	--	--	10	11
Scots pine	<i>Pinus sylvestris</i>	1	--	--	--	1	1
Chinese pistache	<i>Pistachia chinensis</i>	1	--	1	--	1	2
Pittosporum	<i>Pittosporum tenuifolium</i>	7	1	--	--	4	8
Tobira	<i>Pittosporum tobira</i>	--	1	--	--	1	1
Victorian box	<i>Pittosporum undulatum</i>	9	3	--	--	3	12
Apricot	<i>Prunus armenianca</i>	1	1	--	--	--	2
Cherry	<i>Prunus avium</i>	4	1	--	--	1	5
Carolina laurel	<i>Prunus caroliniana</i>	1	3	--	--	--	4
Purpleleaf plum	<i>Prunus cerasifera</i> 'Atropurpurea'	--	--	--	2	--	2
Plum	<i>Prunus domestica</i>	3	1	--	--	2	4
Plum - peach	<i>Prunus domestica</i>	--	1	--	--	--	1
Hollyleaf cherry	<i>Prunus ilicifolia</i>	1	--	--	--	1	1
Peach	<i>Prunus persica</i>	3	4	--	--	--	7
Evergreen pear	<i>Pyrus kawakamii</i>	--	2	--	--	--	2
Coast live oak	<i>Quercus agrifolia</i>	--	2	--	--	2	2
Red oak	<i>Quercus rubra</i>	--	2	--	--	--	2
Cork oak	<i>Quercus suber</i>	--	1	--	--	1	1
Corkscrew willow	<i>Salix matsudina</i> 'Torulosa'	--	1	--	--	1	1
Coast redwood	<i>Sequoia sempervirens</i>	--	6	1	1	8	8
Queen palm	<i>Syagrus romanzoffiana</i>	--	--	2	--	--	2
Brush cherry	<i>Syzigium paniculatum</i>	--	9	--	--	2	9
Yew	<i>Taxus</i> sp.	--	1	2	1	3	4
Windmill palm	<i>Trachycarpus fortunei</i>	--	--	2	--	2	2
Water gum	<i>Tristaniopsis laurina</i>	1	9	--	--	5	10
Elm	<i>Ulmus</i> sp.	--	1	--	--	1	1
Calif. bay	<i>Umbellularia californica</i>	--	1	--	--	--	1

Table 1, continued. Species present and tree condition. Winchester Ranch. San Jose CA.

Common name	Scientific name	Condition				No. of Trees	
		Poor (1,2)	Fair (3)	Good (4)	Excell. (5)	Ordinance	Total
Calif. fan palm	<i>Washingtonia filifera</i>	--	--	--	2	2	2
Mexican fan palm	<i>Washingtonia robusta</i>	--	--	--	4	3	4
Xylosma	<i>Xylosma congestum</i>	1	--	--	--	--	1
Yucca	<i>Yucca filimentosa</i>	5	4	--	--	6	9
Total, all trees assessed		121	208	87	23	155	439

The 12 most frequently occurring species comprised 241 of 439 trees (56%). Fourteen (14) species were represented by five to nine trees while 56 species were represented by less than five trees.

Crape myrtle was the most frequently occurring taxa with 58 trees. This small flowering tree was present throughout the site, particularly along the south property bordering I-280 (Photo 1). Trees were young and semi-mature in development with trunk diameters between 2- and 7-inches. Tree condition was generally good (34 trees) with five trees in excellent condition. Eighteen (18) trees were in fair condition due largely to a history of topping and/or lack of irrigation.



Photo 1. Crape myrtles along the south property line.

Thirty-two (32) Hollywood junipers were present (Photo 2). This large evergreen shrub was found in unpruned, sheared, and poodle-balled forms. Most trees were mature in development. Tree condition was generally poor and fair. Trees in poor condition were likely to be found located in sites without adequate growing space.



Photo 2. Hollywood junipers with limited growing space.

Twenty-six (26) Japanese maples were present throughout the site, generally in front yards. Tree form ranged from natural to clipped to sheared. Trees were young and semi-mature in development. Trunk diameters varied from 2- to 13-inches. About 50% of maples had more than one stem that arose close to the ground. Tree condition was generally either fair or good, depending upon irrigation and intensity of pruning.

Twenty-two (22) lemons were present throughout the site, often in crowded growing conditions. Tree form ranged from natural to sheared. Trunk diameters ranged from 3- to 7-inches. About 50% of lemons had more than one stem that arose close to the ground. Tree condition was generally fair.

Nineteen (19) fern pines were present (Photo 3). Almost all were located between mobile homes and had been sheared into geometric forms. Trunk diameters varied from 4- to 11-inches. Essentially all trees were in fair condition.

Photo 3. Fern pine sheared into a cube.



Twenty (20) oranges were present (Photo 4). As with the lemons, trees were often crowded, clipped, and sheared. Trunk diameters ranged from 4-inches to 10-inches. Approximately 70% of oranges had multiple stems. Tree condition was generally fair and good.

Photo 4. Orange tree in small garden area.



Fourteen (14) mayten trees were present. Trunk diameters ranged from 3- to 15-inches. Most trees were small and suppressed. Tree condition was a mix of poor and fair.

Thirteen (13) glossy privets were present. Typical form is a small tree with numerous stems. Most trees were in either poor or fair condition due largely to history of pruning and crowded growing conditions.

Twelve (12) Victorian box trees were present. Typical form is a small multi-stem tree. Almost all trees were in poor condition.

Eleven (11) Monterey pines were present. Ten trees were in poor condition while #384 was fair. Several trees in the southeast corner of the site were either leaning or bowed to the south. Trunk diameters ranged from 16- to 39-inches.

Ten water gums were present. Nine were in fair condition while #313 was poor.

No other species was represented by more than nine trees. Included in this group were:

- Orchard species such as kumquat (1 tree), grapefruit (2), tangerine (1), persimmon (3), fig (7), apple (3), avocado (7), apricot (2), cherry (5), plum (4), plum – peach mix (1), and peach (7).
- Palm trees included Calif. fan (2), Mexican fan (4), Queen (2) and windmill (2).
- Large trees included cork oak #387 (46-inches), coast redwood #406 (45-inches), elm #413 (45-inches), coast redwood #239 (44-inches), Deodar cedar #379 (44-inches), coast redwood #404 (43-inches), and coast redwood #217 (40- and 30-inches).

Also present but not individually tagged and assessed were an additional 122 Italian cypress trees. Trees ranged from 6- to 20-feet tall. All were less than 6-inches in diameter. Trees could not be tagged due to the dense foliage present along the trunk.

The City of San Jose defines Ordinance Sized Tree " *any live or dead woody perennial plant...having a main stem or trunk 38 inches or more in circumference (12 inches diameter) at a height measured 54 inches above natural grade slope*" (SJMC 13.32.20.1. Updated February 2018). One-hundred fifty-five (515) trees were identified as being ordinance size. Ordinance Sized Trees are identified on the ***Tree Assessment Form***.

The City of San Jose has also designated a number of Heritage Trees. No Heritage trees were present at this site.

Suitability for Preservation

Trees that are preserved on development sites must be carefully selected to make sure that they may survive development impacts, adapt to a new environment and perform well in the landscape. Our goal is to identify trees that have the potential for long-term health, structural stability and longevity. Evaluation of suitability for preservation considers several factors:

- **Tree health**
Healthy, vigorous trees are better able to tolerate impacts such as root injury, demolition of existing structures, changes in soil grade and moisture, and soil compaction than are non-vigorous trees.
- **Structural integrity**
Trees with significant amounts of wood decay and other structural defects that cannot be corrected are likely to fail. Such trees should not be preserved in areas where damage to people or property is likely.
- **Species response**
There is a wide variation in the response of individual species to construction impacts and changes in the environment. For example, coast live oak and coast redwood are tolerant of construction impacts while Monterey pine, fern pine, and Japanese maple are sensitive.
- **Tree age and longevity**
Old trees, while having significant emotional and aesthetic appeal, have limited physiological capacity to adjust to an altered environment. Young trees are better able to generate new tissue and respond to change.

- **Species invasiveness**

Species which spread across a site and displace desired vegetation are not always appropriate for retention. This is particularly true when indigenous species are displaced. The California Invasive Plant Inventory Database (www.cal-ipc.org) lists species identified as having being invasive. San Jose is part of the Central West Floristic Province. Cordyline, fig, English holly, mayten, olive, Victorian box, purpleleaf plum, and Mexican fan palm are listed as being invasive.

Each tree was rated for suitability for preservation based upon its age, health, structural condition and ability to safely coexist within a development environment (Table 2).

Table 2. Tree suitability for preservation. Winchester Ranch. San Jose CA.

High	Trees with good health and structural stability that have the potential for longevity at the site. Twenty (20) trees were rated as having good suitability for preservation including: crape myrtle #1, 150,151, 152, 328; Mexican fan palm #180, 252, 253, 316; Calif. fan palm #59, 78; purpleleaf plum #43q, 433; Blue Colorado spruce #71, Chinese holly #98, coast redwood #239, Japanese maple #105, juniper #132, orange #163, persimmon #76, star magnolia #142, yew #197, and Norfolk Island pine #415.
Moderate	Trees in fair health and/or possessing structural defects that may be abated with treatment. Trees in this category require more intense management and monitoring, and may have shorter life-spans than those in the “high” category. One hundred and four (104) trees were rated as having moderate suitability for preservation including: 36 crape myrtle, 11 Japanese maple, 6 orange, 5 avocado, 5 Italian cypress, and 5 lemon.
Low	Trees in poor health or possessing significant defects in structure that cannot be abated with treatment. These trees can be expected to decline regardless of management. The species or individual tree may possess either characteristics that are undesirable in landscape settings or be unsuited for use areas. Three hundred and twelve (312) trees were rated as having poor suitability for preservation including: 30 Hollywood juniper, 19 fern pine, 15 lemon, 14 crape myrtle, 12 Japanese maple, 12 orange, 11 Victorian box, and 10 glossy privet.

We consider trees with high suitability for preservation to be the best candidates for preservation. We do not recommend retention of trees with low suitability for preservation in areas where people or property will be present. Retention of trees with moderate suitability for preservation depends upon the intensity of proposed site changes.

Tree Mitigation

The City of San Jose requires mitigation of trees removed on development sites. The species and exact number of trees to be planted on the site will be determined in consultation with the City Arborist and the Department of Planning, Building, and Code Enforcement.

All trees that are to be removed shall be replaced at the following ratios:

Diameter of Tree to be Removed	Type of Tree to be Removed			Minimum Size of Each Replacement Tree
	Native	Non-Native	Orchard	
12 inches or greater	5:1	4:1	3:1	15-gallon container
6 - 11 inches	3:1	2:1	none	15-gallon container
less than 6 inches	1:1	1:1	none	15-gallon container

x:x = tree replacement to tree loss ratio

Note: Trees with a circumference of greater than or equal to 38" (=12.1" diameter) shall not be removed unless a Tree Removal Permit, or equivalent, has been approved for the removal of such trees.

One 24-inch box tree = two 15-gallon container trees.

Alternative Mitigation Measures

In the event the project site does not have sufficient area to accommodate the required tree mitigation, one or more of the following measures may be implemented, to the satisfaction of the City's Environmental Principal Planner, at the development permit stage:

- The size of a 15-gallon replacement tree can be increased to 24-inch box and count as two replacement trees.
- An alternative site(s) will be identified for additional tree planting. Alternative sites may include local parks or schools or installation of trees on adjacent properties for screening
- A donation of \$300 per mitigation tree to Our City Forest or San Jose Beautiful for in-lieu off-site tree planting in the community. These funds will be used for tree planting and maintenance of planted trees for approximately three years. A donation receipt for off-site tree planting will be provided to the Planning Project Manager prior to issuance of a development permit.

I estimate a total of 561 trees are present at Winchester Ranch including 439 assessed trees and 122 Italian cypresses. Trees were categorized by type (native, non-native, orchard) and diameter (Table 3). Fruit trees were categorized as orchard trees.

Were all trees to be removed as part of development, mitigation requirements would be based on Table 3.

Table 3. Estimated tree mitigation. Winchester Ranch. San Jose CA.

Diameter Class (in.)	Type			Total
	Native	Non-native	Orchard	
≥12	2	132	21	115
6 to <12	1	111	34	146
<6	--	108	30	138
Italian cypress	--	122	--	122
Site, totals	3	473	85	561

Tree Preservation Guidelines

The following are recommendations for design and construction phases that will assist in successful tree preservation.

Design recommendations

1. Establish the horizontal and vertical elevation of all trees recommended for preservation and located within 25-feet of the proposed project area. Include trunk locations and tag numbers on all plans.
2. Allow the Consulting Arborist to review all future project submittals including grading, utility, drainage, irrigation, and landscape plans.
3. Establish a **TREE PROTECTION ZONE** around trees to be preserved. As a general guideline, the **TREE PROTECTION ZONE** shall be the limit of work.
4. Route underground services including utilities, sub-drains, water or sewer around the **TREE PROTECTION ZONE**. Where encroachment cannot be avoided, special construction techniques such as hand digging or tunneling under roots shall be employed where necessary to minimize root injury.
5. Use only herbicides safe for use around trees and labeled for that use, even below pavement.
6. Design irrigation systems so that no trenching will occur within the **TREE PROTECTION ZONE**.

Pre-construction and demolition treatments and recommendations

1. The demolition contractor shall meet with the Consulting Arborist before beginning work to discuss work procedures and tree protection.
2. Install protection at the **TREE PROTECTION ZONE** prior to demolition, grubbing, or grading.
3. No entry is permitted into a **TREE PROTECTION ZONE** without permission of the project superintendent.

4. Trees to be preserved may require pruning to clean the crown and to provide clearance. All pruning shall be completed by an ISA Certified Arborist or Tree Worker and adhere to the latest editions of the American National Standards for tree work (Z133 and A300) and International Society of Arboriculture Best Management Practices, Pruning.

Tree protection during construction

1. Prior to beginning work, the contractors working in the vicinity of trees to be preserved are required to meet with the Consulting Arborist at the site to review all work procedures, access routes, storage areas and tree protection measures.
2. Trees to be preserved must be irrigated on a regular basis.
3. Trees to be removed shall be felled so as to fall away from **TREE PROTECTION ZONE** and avoid pulling and breaking of roots of trees to remain. If roots are entwined, the consultant may require first severing the major woody root mass before extracting the trees, or grinding the stump below ground.
4. Any grading, construction, demolition or other work that is expected to encounter roots of trees to be preserved should be monitored by the Consulting Arborist.
5. If injury occurs to any tree during construction, it should be evaluated as soon as possible by the Consulting Arborist so that appropriate treatments can be applied.
6. Fences are to remain until all site work has been completed. Fences may not be relocated or removed without permission of the project superintendent.
7. Construction trailers, traffic and storage areas must remain outside fenced areas at all times.
8. No materials, equipment, soil, waste or wash-out water may be deposited, stored, or parked within the **TREE PROTECTION ZONE** (fenced area).
9. Any additional tree pruning needed for clearance during construction must be performed by a qualified arborist and not by construction personnel.
10. Any roots damaged during grading or construction shall be exposed to sound tissue and cut cleanly with a saw.

HortScience | Bartlett Consulting



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Attachments

Tree Assessment Form

Tree Assessment Plan

Tree Assessment

Winchester site
 Charles Cali Drive
 San Jose CA
 August 2018



TREE No.	SPECIES	TRUNK DIAMETER (in.)	ORDINANCE SIZE TREE?	CONDITION 1=poor 5=excellent	SUITABILITY for PRESERVATION	COMMENTS
1	Crape myrtle	6	No	5	High	Good young tree.
2	Crape myrtle	3	No	3	Low	Typical form & structure; lacks vigor.
3	Crape myrtle	6	No	4	Moderate	At base of wall; one-sided to N.
4	Crape myrtle	3	No	4	Moderate	At base of wall; one-sided to N.
5	Crape myrtle	6	No	4	Moderate	At base of wall; one-sided to N.
6	Crape myrtle	4	No	4	Moderate	At base of wall; one-sided to N.
7	Crape myrtle	6	No	4	Moderate	At base of wall; one-sided to N.
8	Crape myrtle	4	No	4	Moderate	At base of wall; one-sided to N.
9	Crape myrtle	6	No	4	Moderate	At base of wall; good young tree.
10	Crape myrtle	4	No	4	Moderate	At base of wall; one-sided to N.
11	Crape myrtle	6	No	4	Moderate	At base of wall; one-sided to N.
12	Crape myrtle	4	No	4	Moderate	At base of wall; one-sided to N.
13	Crape myrtle	6	No	4	Moderate	At base of wall; good young tree.
14	Crape myrtle	3	No	4	Moderate	At base of wall; one-sided to N.
15	Crape myrtle	6	No	4	Moderate	At base of wall; good young tree.
16	Crape myrtle	4	No	4	Moderate	At base of wall; one-sided to N.
17	Crape myrtle	6	No	4	Moderate	At base of wall; good young tree.
18	Crape myrtle	4	No	4	Moderate	At base of wall; one-sided to N.
19	Crape myrtle	6	No	4	Moderate	At base of wall; one-sided to N.
20	Crape myrtle	4	No	4	Moderate	At base of wall; one-sided to N.
21	Crape myrtle	6	No	4	Moderate	At base of wall; good young tree.
22	Crape myrtle	3	No	4	Moderate	At base of wall; one-sided to N.
23	Crape myrtle	3	No	3	Moderate	At base of wall; one-sided to N.; lacks vigor.
24	Crape myrtle	4	No	4	Moderate	At base of wall; one-sided to N.
25	Crape myrtle	2	No	4	Moderate	At base of wall; one-sided to N.
26	Crape myrtle	6	No	4	Moderate	At base of wall; good young tree.

Tree Assessment

Winchester site
Charles Cali Drive
San Jose CA
August 2018



TREE No.	SPECIES	TRUNK DIAMETER (in.)	ORDINANCE SIZE TREE?	CONDITION 1=poor 5=excellent	SUITABILITY for PRESERVATION	COMMENTS
27	Water gum	8	No	3	Low	At base of wall; multiple attachments @ 3'; big shrub.
28	Water gum	6,6	Yes	3	Low	At base of wall; codominant trunks @ 1'; big shrub.
29	Water gum	6,4	No	3	Low	At base of wall; codominant trunks @ base & 3'; big shrub.
30	Water gum	6,5,5	Yes	3	Low	At base of wall; codominant trunks @ base & 1'; big shrub.
31	Water gum	6,6	Yes	3	Low	At base of wall; codominant trunks @ base; big shrub.
32	Water gum	7,5	Yes	3	Low	At base of wall; codominant trunks @ 1'; big shrub.
33	Water gum	7	No	3	Low	At base of wall; codominant trunks @ 3'; big shrub.
34	Water gum	5,5,5	Yes	3	Low	At base of wall; codominant trunks @ base & 1'; big shrub.
35	Orange	6,4	No	3	Low	Typical form & structure; crowded.
36	Fig	5,4,4	Yes	3	Low	Crowded; lifting pavement; topped.
37	Plum	5	No	2	Low	Poor form & structure.
38	Peach	6,4	No	3	Low	Typical form & structure; trunk wounds; lacks vigor.
39	Fig	5	No	3	Low	Topped; codominant trunks @ 4'.
40	Plum	2	No	2	Low	Poor form & structure; no vigor.
41	Peach	4	No	3	Low	Small crown lifted to 5'.
42	Elaeagnus	4,4,4	Yes	3	Low	Multiple attachments @ base; shrub.
43	Plum - peach	5	No	3	Low	Plum dominates.

Tree Assessment

Winchester site
Charles Cali Drive
San Jose CA
August 2018



TREE No.	SPECIES	TRUNK DIAMETER (in.)	ORDINANCE SIZE TREE?	CONDITION 1=poor 5=excellent	SUITABILITY for PRESERVATION	COMMENTS
44	Avocado	13,8	Yes	3	Low	Codominant trunks @ base; crowded.
45	Fig	6	No	2	Low	Suppressed; bowed W.; poor form & structure.
46	Orange	3,3,2	No	3	Low	Crowded; shrub.
47	English holly	13,3	Yes	3	Low	Multiple attachments @ 4'; big shrub.
48	Victorian box	4,4,3	No	2	Low	Multiple attachments @ base; crowded.
49	Victorian box	4,3,3	No	2	Low	Multiple attachments @ base; crowded.
50	Victorian box	5,4	No	2	Low	Codominant trunks @ base; crowded.
51	Victorian box	5,3,3,3,3	Yes	3	Low	Hedge; sheared; E. end
52	Victorian box	2,2,1,1	No	2	Low	Hedge; sheared; interior.
53	Victorian box	3,2	No	2	Low	Hedge; sheared; interior.
54	Victorian box	2,1,1	No	2	Low	Hedge; sheared; interior.
55	Victorian box	3,3	No	2	Low	Hedge; sheared; interior.
56	Victorian box	1,1,1	No	2	Low	Hedge; sheared; interior.
57	Victorian box	4	No	2	Low	Hedge; sheared; interior.
58	Victorian box	3,3,3,2,2	Yes	3	Low	Hedge; sheared; W. end.
59	Calif. fan palm	28	Yes	5	High	12' clear trunk.
60	Hollywood juniper	9,4,4,4	Yes	4	Moderate	Poodle-balled.
61	Lemon	7,5	Yes	3	Low	Multiple attachments @ base; lifted to 5'.
62	Photinia	5	No	3	Low	Adj. to wall; standard; trunk wounds.
63	Evergreen pear	7	No	3	Low	Adj. to wall; topped for overhead lines.
64	Evergreen pear	7	No	3	Low	Adj. to wall; topped for overhead lines.
65	Photinia	5	No	3	Low	Adj. to wall; standard; trunk wounds.
66	Mayten	12	Yes	3	Low	Multiple attachments @ 5' due to topped; sheared into a ball.
67	English holly	6	No	2	Low	Sheared into an 8' ball.
68	Hollywood juniper	7	No	4	Moderate	Poodle-balled.

Tree Assessment

Winchester site
Charles Cali Drive
San Jose CA
August 2018



TREE No.	SPECIES	TRUNK DIAMETER (in.)	ORDINANCE SIZE TREE?	CONDITION 1=poor 5=excellent	SUITABILITY for PRESERVATION	COMMENTS
69	Jap. maple	7,5,3	Yes	4	Moderate	Typical form & structure; multiple attachments @ base.
70	Jap. maple	7,6	Yes	3	Low	Typical form & structure; codominant trunks @ base; lacks vigor.
71	Blue Colorado spruce	9	No	5	High	No tag ; good tree.
72	Crape myrtle	6,5	No	2	Low	Codominant trunks @ base; topped.
73	Lemon	4	No	3	Moderate	Typical form & structure.
74	Orange	3,3	No	3	Low	Codominant trunks @ base; shrub.
75	Apple	4,3	No	3	Low	Shrub.
76	Persimmon	6	No	5	High	Good tree.
77	Orange	8,6	Yes	4	Moderate	Codominant trunks @ base & 3'; typical form & structure.
78	Calif. fan palm	19	Yes	5	High	15' clear trunk.
79	Jacaranda	15	Yes	3	Low	Poor form & structure; topped; multiple attachments @ 6'.
80	Jap. maple	5,4	No	3	Low	Sheared shrub.
81	Peach	4	No	2	Low	Codominant trunks @ 2'; poor attachment.
82	Mugo pine	5,5,4	Yes	3	Low	Multiple attachments @ base; shrub.
83	Jap. maple	4	No	3	Low	Sheared shrub.
84	Jap. maple	7,5	Yes	3	Low	Typical form & structure; crown lifted to 6'.
85	Crape myrtle	4	No	4	Moderate	Typical form & structure.
86	Crape myrtle	4	No	4	Moderate	Typical form & structure.
87	Jap. maple	4,4	No	4	Moderate	Typical form & structure; crowded.
88	Hollywood juniper	10,10,7	Yes	3	Low	Crowded; codominant trunks @ base & 1'.
89	Pittosporum	4,1	No	2	Low	Suppressed; poor.
90	Hollywood juniper	4	No	2	Low	Crowded; partly suppressed.

Tree Assessment

Winchester site
Charles Cali Drive
San Jose CA
August 2018



TREE No.	SPECIES	TRUNK DIAMETER (in.)	ORDINANCE SIZE TREE?	CONDITION 1=poor 5=excellent	SUITABILITY for PRESERVATION	COMMENTS
91	Hollywood juniper	5	No	2	Low	Crowded; partly suppressed.
92	Jap. maple	4	No	2	Low	Suppressed.
93	Hollywood juniper	11,8	Yes	3	Low	Crowded; codominant trunks @ 1'.
94	Carolina laurel	3	No	2	Low	Suppressed.
95	Hollywood juniper	11,11	Yes	3	Low	Crowded; codominant trunks @ base.
96	Hibicus	5,4,3,3,3	Yes	2	Low	Mass of stems.
97	Glossy privet	5	No	2	Low	Tag in fence; big shrub; engulfed by vines.
98	English holly	6	No	5	High	Good young tree; lifting sidewalk.
99	Orange	6,6,6	Yes	2	Low	Multiple attachments @ 1'; crowded; sheared into rectangle.
100	Lemon	3	No	3	Low	Crowded.
101	Persimmon	3,2,1,1	No	3	Low	Multiple attachments @ base; shrub.
102	Crape myrtle	4	No	3	Low	Topped.
103	Crape myrtle	4	No	3	Low	Topped.
104	English holly	4	No	3	Low	No tag ; sheared into a one-sided nose cone.
105	Jap. maple	5	No	5	High	Good young tree.
106	Jap. maple	5	No	4	Moderate	Shrub.
107	Jap. maple	4	No	3	Moderate	Crowded.
108	Crape myrtle	5	No	3	Low	Topped.
109	Crape myrtle	6	No	3	Low	Topped.
110	Crape myrtle	4	No	3	Low	Topped.
111	Hollywood juniper	7,6,5	Yes	2	Low	Multiple attachments @ base; lifted to 6'.
112	Fern pine	4,2	No	3	Low	Hedge; crowded; topped.
113	Fern pine	5	No	3	Low	Hedge; crowded; topped.
114	Fern pine	4	No	3	Low	Hedge; crowded; topped.
115	Fern pine	4	No	3	Low	Hedge; crowded; topped.

Tree Assessment

Winchester site
 Charles Cali Drive
 San Jose CA
 August 2018



TREE No.	SPECIES	TRUNK DIAMETER (in.)	ORDINANCE SIZE TREE?	CONDITION 1=poor 5=excellent	SUITABILITY for PRESERVATION	COMMENTS
116	Orange	4	No	3	Low	Crowded.
117	Sweetgum	8	No	4	Moderate	Typical form & structure; narrow form; lacks vigor.
118	Cherry	12	Yes	2	Low	Crowded; topped.
119	Brush cherry	5	No	3	Low	Sheared shrub.
120	Crape myrtle	6	No	3	Low	Topped.
121	Crape myrtle	5	No	3	Low	Topped.
122	Jacaranda	14	Yes	2	Low	Poor form & structure; topped; codominant trunks @ 5'.
123	Crape myrtle	6	No	3	Moderate	Topped.
124	Crape myrtle	4,2	No	3	Low	Codominant trunks @ base; topped.
125	Lemon	5	No	3	Low	Shrub.
126	Pittosporum	5,3,3,3	Yes	3	Low	Multiple attachments @ base; sheared shrub.
127	Carolina laurel	5	No	3	Low	Hedge; sheared.
128	Carolina laurel	4	No	3	Low	Hedge; sheared.
129	Carolina laurel	5	No	3	Low	Hedge; sheared.
130	Avocado	9	No	4	Moderate	Codominant trunks @ 2'; good vigor.
131	Jap. maple	4	No	3	Low	Sheared.
132	Juniper	7	No	5	High	Good tree.
133	Glossy privet	10,9,7,7	Yes	2	Low	Poor form & structure; pruned poorly.
134	Hollywood juniper	5	No	3	Low	Shrub.
135	Xylosma	7	No	2	Low	Poor form & structure.
136	Mayten	6,5	No	2	Low	Poor form & structure; topped.
137	Fig	2,1	No	4	Moderate	Good young tree; crowded.
138	Apricot	3	No	3	Moderate	Typical form & structure; pruned.
139	Lemon	3,3,1	No	3	Low	Shrub.

Tree Assessment

Winchester site
Charles Cali Drive
San Jose CA
August 2018



TREE No.	SPECIES	TRUNK DIAMETER (in.)	ORDINANCE SIZE TREE?	CONDITION 1=poor 5=excellent	SUITABILITY for PRESERVATION	COMMENTS
140	Weeping blue Atlas cedar	11	No	4	Moderate	No tag ; one-sided to S.; adj. to bldg.
141	Hollywood juniper	5	No	3	Low	Shrub.
142	Star magnolia	3,1,1,1	No	5	High	Typical form & structure.
143	Italian cypress	3	No	4	Moderate	Row; crowded; typical form & structure.
144	Italian cypress	3	No	4	Moderate	Row; crowded; typical form & structure.
145	Italian cypress	3	No	4	Moderate	Row; crowded; typical form & structure.
146	Italian cypress	3	No	4	Moderate	Row; crowded; typical form & structure.
147	Italian cypress	3,3	No	4	Moderate	Row; crowded; codominant trunks @ 1'.
148	Fig	9	No	3	Low	Crowded; rangy form.
149	Plum	9,8,8	Yes	3	Low	Big old tree; multiple attachments @ 2'.
150	Crape myrtle	4	No	5	High	Good young tree.
151	Crape myrtle	4	No	5	High	Good young tree.
152	Crape myrtle	4	No	5	High	Good young tree.
153	Lemon	5,5	No	4	Moderate	Typical form & structure; codominant trunks @ 1'.
154	Jap. maple	5,5,3	Yes	3	Low	Crowded; tipped back.
155	Fern pine	4	No	2	Low	Crown lifted to 15'; poor pruning.
156	Hollywood juniper	7,6	Yes	2	Low	Crowded row; codominant trunks @ base.
157	Hollywood juniper	9,5	Yes	2	Low	Crowded row; codominant trunks @ base.
158	Hollywood juniper	8,6	Yes	2	Low	Crowded row; codominant trunks @ base.
159	Hollywood juniper	7,6	Yes	2	Low	Crowded row; codominant trunks @ base.
160	Hollywood juniper	8	No	2	Low	Crowded row.
161	Hollywood juniper	8	No	2	Low	Crowded row.
162	Hollywood juniper	12	Yes	2	Low	Crowded row.
163	Orange	10	No	5	High	Typical form & structure; codominant trunks @ 3'.

Tree Assessment

Winchester site
Charles Cali Drive
San Jose CA
August 2018



TREE No.	SPECIES	TRUNK DIAMETER (in.)	ORDINANCE SIZE TREE?	CONDITION 1=poor 5=excellent	SUITABILITY for PRESERVATION	COMMENTS
164	Windmill palm	10,9	Yes	4	Moderate	Tag on frond; codominant trunks @ base.
165	Cordyline	14	Yes	3	Low	Crown reduced.
166	Mayten	6	No	2	Low	Poor form & structure.
167	Cordyline	9,7,4,4,3	Yes	4	Moderate	Typical form & structure; bowed over trailer.
168	Mayten	4	No	2	Low	Poor form & structure.
169	Crape myrtle	3	No	3	Low	Suppressed.
170	Cordyline	12,9	Yes	3	Low	Typical form & structure; dieback in upper crown.
171	Cordyline	9	No	2	Low	Just poor.
172	Calif. incense cedar	5	No	2	Low	Suppressed.
173	Canary Island pine	19	Yes	2	Low	Poor form & structure; crook @ 20'; one-sided to W.
174	Canary Island pine	9	No	2	Low	Poor form & structure; leans E. over property line.
175	Aleppo pine	17	Yes	1	Low	Failing @ base to W.; base outside of dripline.
176	Canary Island pine	20	Yes	2	Low	Topped for overhead powerlines.
177	Canary Island pine	19	Yes	2	Low	Topped for overhead powerlines.
178	Monterey pine	39	Yes	2	Low	Topped for overhead powerlines.
179	Crape myrtle	2	No	4	Moderate	Typical form & structure.
180	Mexican fan palm	10	No	5	High	3' clear trunk.
181	Yucca	13	Yes	3	Low	Typical form & structure; topped.
182	Yucca	8	No	3	Low	Huge base; leans E.
183	Yucca	8	No	3	Low	Huge base.
184	Mayten	6	No	2	Low	Just poor.
185	Yucca	15	Yes	2	Low	Typical form & structure; topped; large base.
186	Yucca	9,8,8	Yes	2	Low	Typical form & structure; topped; large base.
187	Yucca	8,6	Yes	2	Low	Typical form & structure; topped; large base.

Tree Assessment

Winchester site
Charles Cali Drive
San Jose CA
August 2018



TREE No.	SPECIES	TRUNK DIAMETER (in.)	ORDINANCE SIZE TREE?	CONDITION 1=poor 5=excellent	SUITABILITY for PRESERVATION	COMMENTS
188	Yucca	6	No	2	Low	Topped.
189	Yucca	16,13	Yes	2	Low	Topped to 6'; codominant trunks @ base.
190	Yucca	10,9	Yes	3	Low	Topped to 6'; codominant trunks @ base.
191	Mayten	5	No	2	Low	Just poor.
192	Oleander	9	No	3	Low	Standard; multiple attachments @ 5'.
193	Oleander	6	No	2	Low	Standard; multiple attachments @ 5'; leans SW.
194	Oleander	8	No	3	Low	Standard; multiple attachments @ 5'.
195	Yew	12,10,9	Yes	4	Moderate	Typical form & structure.
196	Yew	9,7,6,4	Yes	4	Moderate	Typical form & structure.
197	Yew	7,7,6,5	Yes	5	High	Typical form & structure.
198	Oleander	10	No	3	Low	Standard; multiple attachments @ 5'.
199	Oleander	3	No	2	Low	Standard; multiple attachments @ 2'; leans N.
200	Coast live oak	15	Yes	3	Moderate	Tag on fence ; off-site?; leans NE.; lost central leader.
201	Queen palm	11	No	4	Moderate	12' clear trunk.
202	Queen palm	11	No	4	Moderate	12' clear trunk.
203	Canary Island pine	30	Yes	2	Low	Poor form & structure; topped to clear overhead lines; multiple attachments @ 8'.
204	Orange	4	No	4	Moderate	Typical form & structure; shrub.
205	Lemon	3,3	No	3	Low	Rangy form.
206	Juniper	6	No	3	Low	Row; adj. to house; shrub.
207	Juniper	6	No	3	Low	Row; adj. to house; shrub.
208	Juniper	5	No	3	Low	Row; adj. to house; shrub.
209	Juniper	6	No	3	Low	Row; adj. to house; shrub.
210	Juniper	6	No	3	Low	Row; adj. to house; shrub.
211	Lemon	6	No	4	Moderate	Typical form & structure; tipped back.

Tree Assessment

Winchester site
Charles Cali Drive
San Jose CA
August 2018



TREE No.	SPECIES	TRUNK DIAMETER (in.)	ORDINANCE SIZE TREE?	CONDITION 1=poor 5=excellent	SUITABILITY for PRESERVATION	COMMENTS
212	Canary Island pine	24	Yes	3	Low	Side-trimmed for overhead lines; codominant trunks @ 20'.
213	Pecan	21	Yes	3	Low	One-sided to S. due to side-trimming; heavy lateral branches.
214	Coast redwood	25,23,22,20	Yes	3	Low	Tag on fence; off-site?; multiple attachments @ base; vertical; thin canopy.; lack vigor.
215	Crape myrtle	2	No	3	Low	Lacks vigor.
216	Oleander	5,3,3,2,2	Yes	2	Low	Poor form & structure; crowded.
217	Coast redwood	40,30	Yes	3	Low	Tag on fence; off-site?; codominant trunks @ 5'; vertical; thin canopy.; lack vigor.
218	Pittosporum	10	No	2	Low	Row; crowded; thin canopy.
219	Pittosporum	4,3,2	No	2	Low	Row; crowded; thin canopy; multiple attachments @ base.
220	Pittosporum	6,4,1,1	Yes	2	Low	Row; crowded; thin canopy; multiple attachments @ base.
221	Pittosporum	8,7	Yes	2	Low	Row; crowded; thin canopy; codominant trunks @ base; 8" leans E.
222	Pittosporum	3,2,1	No	2	Low	Row; crowded; thin canopy; multiple attachments @ base.
223	Pittosporum	6,5,4.	Yes	2	Low	Row; crowded; thin canopy; multiple attachments @ base.
224	Orange	4	No	4	Moderate	Narrow & upright.
225	Jap. maple	5	No	4	Moderate	Typical form & structure.
226	Tobira	7,6	Yes	3	Low	Codominant trunks @ base; ext. trunk wounds; crowded.
227	Lemon	2,2	No	2	Low	Topped.

Tree Assessment

Winchester site
 Charles Cali Drive
 San Jose CA
 August 2018



TREE No.	SPECIES	TRUNK DIAMETER (in.)	ORDINANCE SIZE TREE?	CONDITION 1=poor 5=excellent	SUITABILITY for PRESERVATION	COMMENTS
228	Lemon	3	No	3	Low	Shrub.
229	Cherry	2	No	3	Moderate	Rangy form.
230	Jap. maple	3	No	4	Moderate	Good young tree; below overhead lines.
231	Olive	4	No	3	Moderate	Sheared into a round ball.
232	Olive	4	No	3	Moderate	Sheared into a round ball.
233	Crape myrtle	2	No	3	Low	Sheared into a round ball.
234	Crape myrtle	2	No	3	Low	Sheared into a round ball.
235	Crape myrtle	6	No	4	Moderate	Good young tree.
236	Coast redwood	35	Yes	3	Moderate	Outside fence; off-site; good form; thin canopy.
237	Cherry	4	No	2	Low	Poor form & structure; crown reduced.
238	Oleander	9	No	3	Low	Standard; multiple attachments @ 5'; leans E.
239	Coast redwood	44	Yes	5	High	Tag on fence ; off-site; good tree.
240	Mayten	4	No	3	Low	Small round crown lifted to 5'.
241	Corkscrew willow	4,4,3,3	Yes	3	Low	Typical form & structure; crowded; tipped back.
242	Hollywood juniper	13	Yes	3	Low	Topped for overhead lines.
243	Hollywood juniper	14	Yes	2	Low	Topped for overhead lines.
244	Hollywood juniper	16	Yes	2	Low	Topped for overhead lines.
245	Hollywood juniper	14	Yes	2	Low	Topped for overhead lines; leans W.
246	Hollywood juniper	16	Yes	2	Low	Topped for overhead lines.
247	Lemon	6,4	No	2	Low	Topped for overhead lines.
248	Jap. maple	5	No	4	Moderate	Typical form & structure.
249	Lemon	2,2	No	2	Low	Topped for overhead lines; suppressed.
250	Crabapple	4	No	4	Moderate	Typical form & structure.
251	Birch	10,6	Yes	4	Moderate	Base adj. to house; codominant trunks @ 4'; upper crown thin.
252	Mexican fan palm	25	Yes	5	High	35' clear trunk.

Tree Assessment

Winchester site
Charles Cali Drive
San Jose CA
August 2018



TREE No.	SPECIES	TRUNK DIAMETER (in.)	ORDINANCE SIZE TREE?	CONDITION 1=poor 5=excellent	SUITABILITY for PRESERVATION	COMMENTS
253	Mexican fan palm	20	Yes	5	High	30' clear trunk.
254	Windmill palm	12	Yes	4	Moderate	Chlorotic foliage.
255	Glossy privet	5	No	3	Low	Sheared into a round ball.
256	Photinia	3,3	No	3	Low	Sheared into a round ball.
257	Fern pine	8,6	Yes	3	Low	Sheared into a hedge.
258	Fern pine	8	No	3	Low	Sheared into a hedge.
259	Fern pine	7	No	3	Low	Sheared into a hedge.
260	Fern pine	8	No	3	Low	Sheared into a hedge.
261	Norfolk Island pine	8,3	No	2	Low	Big shrub; lost central leader.
262	Fern pine	11	No	3	Low	Sheared into a cube.
263	Crape myrtle	6	No	4	Moderate	Tipped back.
264	Fern pine	9	No	3	Low	Sheared into a round ball.
265	Fern pine	11	No	3	Low	Sheared into a hedge; long trunk wound.
266	Fern pine	9	No	3	Low	Sheared into a hedge.
267	Fern pine	10	No	3	Low	Sheared into a hedge.
268	Hollywood juniper	6,5,4,4,2	Yes	2	Low	Sheared into a round ball.
269	Hollywood juniper	6,5,5,4,4	Yes	2	Low	Sheared into a round ball.
270	Orange	5	No	2	Low	Standard; leans S.; basal; wounds.
271	Lemon	4	No	4	Moderate	Typical form & structure.
272	Orange	3,3,3,3	Yes	4	Moderate	Multiple attachments @ base.
273	Cordyline	7,4,3,3	Yes	3	Low	Typical form & structure but reduced.
274	Lemon	5	No	4	Moderate	Typical form & structure.
275	Crape myrtle	3	No	4	Moderate	Typical form & structure but tipped back.
276	Crape myrtle	5	No	3	Moderate	Typical form & structure but pruned hard @ 4'.
277	Orange	4,3,2	No	3	Low	Typical form & structure but reduced.
278	Southern magnolia	2	No	4	Moderate	Good young tree.

Tree Assessment

Winchester site
Charles Cali Drive
San Jose CA
August 2018



TREE No.	SPECIES	TRUNK DIAMETER (in.)	ORDINANCE SIZE TREE?	CONDITION 1=poor 5=excellent	SUITABILITY for PRESERVATION	COMMENTS
279	Weeping false cypress	5,4,4,3,2,2	Yes	3	Low	Sheared into ball; one-sided to W.
280	Kumquat	5,3,2,2	Yes	3	Low	Sheared into ball; one-sided to W.
281	Photinia	2,2,2,2	No	3	Low	Sheared into a hedge; crowded.
282	Orange	6	No	3	Low	Sheared into a round ball.
283	Jap. maple	13	Yes	3	Low	Sheared into a round ball; tipped back.
284	Jap. maple	4,4	No	4	Moderate	Typical form & structure.
285	Jacaranda	12	Yes	3	Low	Multiple attachments @ 7'; topped.
286	Avocado	3	No	3	Moderate	Narrow & upright form.
287	Avocado	3	No	3	Moderate	Narrow & upright form.
288	Chinese pistache	8	No	4	Moderate	Narrow & upright; one-sided to N.
289	Avocado	2	No	3	Moderate	Narrow & upright form.
290	Avocado	3	No	3	Moderate	Narrow & upright form.
291	Crape myrtle	3	No	4	Moderate	Multiple attachments @ 3'; rangy form.
292	Crape myrtle	3	No	4	Moderate	Typical form & structure.
293	Crape myrtle	4	No	4	Moderate	Typical form & structure.
294	Jap. maple	2	No	3	Low	Typical form & structure; lacks vigor.
295	Cordyline	6	No	4	Moderate	Typical form & structure.
296	Hollywood juniper	12,6,5	Yes	3	Low	Crowded row; multiple attachments @ base.
297	Hollywood juniper	9,6	Yes	3	Low	Crowded row; codominant trunks @ base.
298	Hollywood juniper	8,5,4	Yes	3	Low	Crowded row; multiple attachments @ base.
299	Hollywood juniper	9	No	3	Low	Crowded row.
300	Hollywood juniper	9,5	Yes	3	Low	Crowded row; codominant trunks @ base.
301	Lemon	3,3,3	No	2	Low	Multiple attachments @ 2'; crowded.
302	Jap. maple	4,3	No	3	Low	Codominant trunks @ 1'; crowded.
303	Peach	6	No	2	Low	Poor form & structure; topped.
304	Lemon	6,5,2,2,2	Yes	3	Low	Sheared; big shrub.

Tree Assessment

Winchester site
Charles Cali Drive
San Jose CA
August 2018



TREE No.	SPECIES	TRUNK DIAMETER (in.)	ORDINANCE SIZE TREE?	CONDITION 1=poor 5=excellent	SUITABILITY for PRESERVATION	COMMENTS
305	Orange	7,6,6	Yes	3	Low	Sheared; big shrub.
306	Monterey cypress	5	No	2	Low	Poor form & structure; topped; big shrub.
307	Orange	1,1,1,1,1,1,1,	No	3	Low	Multiple attachments @ base.
308	Mayten	3	No	3	Low	Typical form & structure; held upright by wire.
309	Mayten	5	No	4	Moderate	Typical form & structure.
310	Mayten	3	No	3	Low	Typical form & structure; held upright by stake.
311	Jap. maple	6,5,4,3	Yes	2	Low	Multiple attachments @ base; crowded; ext. injured bark.
312	Jap. maple	2,1	No	2	Low	Suppressed.
313	Water gum	6,5	No	2	Low	Codominant trunks @ base; topped; crowded.
314	Tangerine	1,1,1,1,1	No	3	Low	Multiple attachments @ base; shrub.
315	Lemon	1,1,1,1,1	No	3	Low	Shrub.
316	Mexican fan palm	22	Yes	5	High	12' clear trunk.
317	Brush cherry	6,3,2,1,1	Yes	3	Moderate	Narrow & upright form; sheared.
318	Chinese pistache	5,5,4	Yes	2	Low	Topped @ 4'.
319	Lemon	7	No	3	Low	Sheared.
320	Orange	6,3	No	3	Low	Typical form & structure; close to #321.
321	Orange	5,4,3,2	Yes	3	Low	Typical form & structure; close to #320.
322	Jacaranda	13	Yes	2	Low	Poor form & structure; multiple attachments @ 5'; topped.
323	Lemon	3,3,3,2,2,2,2	Yes	3	Low	Multiple attachments @ base; chlorotic.
324	Peach	6	No	3	Low	Multiple attachments @ 2'.
325	Apricot	8	No	2	Low	Poor form & structure; multiple attachments @ 1'; topped.
326	Crape myrtle	6	No	4	Moderate	Typical form & structure; tipped back.

Tree Assessment

Winchester site
Charles Cali Drive
San Jose CA
August 2018



TREE No.	SPECIES	TRUNK DIAMETER (in.)	ORDINANCE SIZE TREE?	CONDITION 1=poor 5=excellent	SUITABILITY for PRESERVATION	COMMENTS
327	Calif. black walnut	8,7	Yes	3	Low	Codominant trunks @ 1'; base of trunk @ shed.
328	Crape myrtle	7	No	5	High	Typical form & structure.
329	Orange	8,6,4	Yes	4	Moderate	Typical form & structure; multiple attachments @ 1'.
330	Jap. maple	5	No	4	Moderate	Multiple attachments @ 1'.
331	Lemon	5,3,3,3	Yes	3	Low	Multiple attachments @ 3'; codominant trunks @ base; shrub.
332	Weeping blue juniper	7,6,4,3	Yes	2	Low	Leans S.; propped up; topped.
333	Fern pine	6	No	3	Low	Row of 5; sheared into cube.
334	Fern pine	5,4,3	Yes	3	Low	Row of 5; sheared into cube; codominant trunks @ base & 1'.
335	Fern pine	6	No	3	Low	Row of 5; sheared into cube.
336	Fern pine	7	No	3	Low	Row of 5; sheared into cube.
337	Fern pine	8	No	3	Low	Row of 5; sheared into cube.
338	Jap. maple	6	No	4	Moderate	Typical form & structure; multiple attachments @ 1'.
339	Jap. maple	4	No	4	Moderate	Sheared; multiple attachments @ 1'.
340	Birch	7,5	Yes	3	Low	Typical form & structure; lacks vigor.
341	Monterey pine	10	No	2	Low	Poor form & structure; topped & lifted.
342	Grapefruit	7	No	3	Low	Crowded; tipped back.
343	Scots pine	5,5,4	Yes	2	Low	Multiple attachments @ base; topped & lifted.
344	Hollywood juniper	8,7,5	Yes	3	Low	Multiple attachments @ base; crowded.
345	Hollywood juniper	9,8,6	Yes	3	Low	Multiple attachments @ base; crowded.
346	Orange	7,6,4	Yes	4	Moderate	No tag ; typical form & structure.
347	Spruce	6	No	3	Low	Sheared.

Tree Assessment

Winchester site
Charles Cali Drive
San Jose CA
August 2018



TREE No.	SPECIES	TRUNK DIAMETER (in.)	ORDINANCE SIZE TREE?	CONDITION 1=poor 5=excellent	SUITABILITY for PRESERVATION	COMMENTS
348	Glossy privet	5	No	3	Low	Crowded row.
349	Glossy privet	4	No	3	Low	Crowded row.
350	Glossy privet	3	No	3	Low	Crowded row.
351	Glossy privet	2	No	2	Low	Crowded row; suppressed.
352	Brush cherry	4,2,1,1	No	3	Low	Crowded row.
353	Brush cherry	5,5	No	3	Low	Crowded row.
354	Brush cherry	5	No	3	Low	Crowded row.
355	Brush cherry	4,4,3	No	3	Low	Crowded row.
356	Brush cherry	3,3,3,3	Yes	3	Low	Crowded row.
357	Brush cherry	4,3,2,1	No	3	Low	Crowded row.
358	Brush cherry	4,3,3	No	3	Low	Crowded row.
359	Glossy privet	16	Yes	4	Moderate	Typical form & structure; multiple attachments @ 7'.
360	Glossy privet	11,9	Yes	3	Low	Btwn. fences; codominant trunks @ 4'.
361	Glossy privet	7	No	2	Low	Btwn. fences; suppressed; bowed S.
362	Glossy privet	3,2,1,1	No	3	Low	At base of fence; shrub.
363	Calif. black walnut	4	No	3	Low	At base of fence; leans E.
364	Hollywood juniper	9	No	3	Low	Lollipop on a stick.
365	Monterey pine	26	Yes	2	Low	Leans SW.; low brick wall cracked; no basal flare; gap in canopy.
366	Monterey pine	24	Yes	2	Low	Bowed S. towards freeway; no basal flare.
367	Lemon	5	No	3	Low	Leans S.; sheared.
368	Mayten	12	Yes	1	Low	Poor form & structure; held up by rope.
369	Mayten	8	No	1	Low	Suppressed; covered by vines.
370	Jap. loquat	2	No	4	Moderate	Btwn. fence & sound wall; okay tree.

Tree Assessment

Winchester site
Charles Cali Drive
San Jose CA
August 2018



TREE No.	SPECIES	TRUNK DIAMETER (in.)	ORDINANCE SIZE TREE?	CONDITION 1=poor 5=excellent	SUITABILITY for PRESERVATION	COMMENTS
371	Monterey pine	37	Yes	2	Low	Large decay cavity @ base on S.; slight lean S.; lost central leader; thin canopy.
372	Flowering dogwood	3	No	4	Moderate	Lost central leader.
373	Monterey pine	38	Yes	1	Low	Leaning & bowed S.; roots lifted; dieback in upper crown.
374	Monterey pine	25	Yes	2	Low	Slight lean S.; lost central leader.
375	Monterey pine	25	Yes	2	Low	Small crown lacks vigor due to pattern of twig & branch dieback.
376	Monterey pine	28	Yes	2	Low	Crowded; poor form; thin canopy.
377	Monterey pine	35	Yes	1	Low	Dying; leans S.
378	Deodar cedar	14	Yes	4	Moderate	One-sided to W.
379	Deodar cedar	44	Yes	3	Low	Big tree; lost central leader; heavy lateral branches throughout; flat-topped.
380	Deodar cedar	26	Yes	3	Low	Intermediate; narrow & one-sided to S.
381	Coast live oak	30	Yes	3	Low	Completely bowed flat to SE.; codominant trunks @ 9'.
382	Deodar cedar	26	Yes	4	Moderate	Narrow form.
383	Deodar cedar	4	No	3	Low	Below canopy; thin canopy; good form.
384	Monterey pine	16	Yes	3	Low	Leans E.
385	Calif. incense cedar	28	Yes	3	Low	Topped @ 26'; multiple attachments @ that point.
386	Calif. incense cedar	36	Yes	2	Low	Poor form & structure; topped @ 12' with decay; codominant trunks @ topping point; ext. twig & branch dieback.
387	Cork oak	46	Yes	3	Low	Multiple attachments @ 5'; base excavated; 1 stem vertical; 2 others lean N. & SW.

Tree Assessment

Winchester site
Charles Cali Drive
San Jose CA
August 2018



TREE No.	SPECIES	TRUNK DIAMETER (in.)	ORDINANCE SIZE TREE?	CONDITION 1=poor 5=excellent	SUITABILITY for PRESERVATION	COMMENTS
388	Jap. loquat	5	No	3	Low	Growing thru canopy of #387; partly suppressed.
389	Glossy privet	7,6,3	Yes	2	Low	At fence; multiple attachments @ base; lifted.
390	Glossy privet	7,4	No	2	Low	At fence; multiple attachments @ base; lifted.
391	Hollyleaf cherry	11,8,7,3	Yes	2	Low	Multiple attachments @ base; poor form & structure; suppressed.
392	Yew	3,1,1,1,1	No	3	Low	Shrub; canopy starting to thin out.
393	Victorian box	11,10,10	Yes	3	Low	Multiple attachments @ base; one-sided to S.
394	Calif. bay	8	No	3	Low	Emerges thru canopy; narrow form.
395	Olive	9,7,4,4,4	Yes	2	Low	Poor form & structure; multiple attachments @ base; topped.
396	Olive	8,7,7	Yes	2	Low	Poor form & structure; topped; bowed E.
397	Canary Island pine	32	Yes	1	Low	Leans sharply over wall to N.; base outside of dripline
398	Jap. loquat	7	No	2	Low	Suppressed; lost central leader.
399	Fig	8,7	Yes	2	Low	Suppressed; codominant trunks @ base; bowed flat to E.
400	Canary Island pine	21	Yes	3	Low	Very narrow form; canopy lifted with lots of stubs.
401	Canary Island pine	33	Yes	3	Low	Bowed & one-sided to S.
402	Canary Island pine	25	Yes	3	Moderate	Narrow crown; one-sided to N.
403	China berry	9,7	Yes	2	Low	Poor form & structure; suppressed; codominant trunks @ base; bowed flat to S.
404	Coast redwood	43	Yes	3	Low	Crowded; lost central leader.
405	Coast redwood	31	Yes	3	Low	Crowded.

Tree Assessment

Winchester site
Charles Cali Drive
San Jose CA
August 2018



TREE No.	SPECIES	TRUNK DIAMETER (in.)	ORDINANCE SIZE TREE?	CONDITION 1=poor 5=excellent	SUITABILITY for PRESERVATION	COMMENTS
406	Coast redwood	45	Yes	3	Low	Topped; dense canopy.
407	Coast redwood	21	Yes	4	Moderate	Typical form & structure.
408	Persimmon	8,6	Yes	3	Low	Suppressed; codominant trunks @ 3'.
409	Blue Colorado spruce	5	No	4	Moderate	Typical form & structure.
410	Marina madrone	5	No	2	Low	Topped @ 6'.
411	Red oak	5	No	3	Low	Crowded; partly suppressed.
412	Red oak	4	No	3	Low	Crowded; partly suppressed.
413	Elm	45	Yes	3	Low	Big tree with several codominant attachments; topped; stem on N. bowed towards house.
414	Jap. loquat	14	Yes	2	Low	Poor form & structure; large decayed pruning wound @ 3'.
415	Norfolk Island pine	4	No	5	High	Typical form & structure.
416	Water gum	9	No	3	Low	Multiple attachments @ 1'; sheared into big shrub.
417	Avocado	11	No	3	Low	Codominant trunks @ 5'.
418	Fig	8	No	2	Low	Leans S.; topped.
419	Apple	8,6,5,5,5,4	Yes	2	Low	Multiple attachments @ 1' to 2'; topped.
420	Grapefruit	13	Yes	2	Low	Topped; decay @ base.
421	Plum	6,5,4,4,4	Yes	2	Low	Multiple attachments @ 2'; tipped back.
422	Peach	6	No	3	Low	Sinuuous trunk; tipped back.
423	Cherry	11	No	2	Low	Multiple attachments @ 2'; tipped back.
424	Peach	4	No	2	Low	Poor form & structure.
425	Cherry	6,5	No	2	Low	Just poor.
426	Jap. maple	4,3	No	3	Low	Topped @ 8'; chlorotic.
427	Jap. maple	10	No	3	Low	Suppressed; one-sided to NW.; multiple attachments @ 4'.

Tree Assessment

Winchester site
Charles Cali Drive
San Jose CA
August 2018



TREE No.	SPECIES	TRUNK DIAMETER (in.)	ORDINANCE SIZE TREE?	CONDITION 1=poor 5=excellent	SUITABILITY for PRESERVATION	COMMENTS
428	Apple	7	No	3	Low	Multiple attachments @ 2'; tipped back.
429	Camphor	5	No	4	Moderate	Typical form & structure.
430	English holly	7	No	4	Moderate	Typical form & structure; sheared.
431	Purpleleaf plum	1	No	5	High	Good young tree.
432	Lemon	4,3,1,1	No	3	Low	Typical form & structure; cracked branch; tipped back.
433	Purpleleaf plum	2	No	5	High	Good young tree.
434	Mayten	15	Yes	3	Low	Multiple attachments @ 6'; topped num. times.
435	Mayten	10	No	2	Low	Poodle-balled.
436	Orange	6,3	No	2	Low	Codominant trunks @ base & 1'; ext. sun scald on lower trunk.
437	Crape myrtle	4	No	3	Low	Tag on fence ; very crowded; tipped back.
438	Crape myrtle	6	No	4	Moderate	Tag on fence ; very crowded; tipped back.
439	Crape myrtle	4	No	3	Low	Tag on fence ; very crowded; tipped back.

Tree Assessment Plan

Winchester Ranch
San Jose, CA

Prepared for:
David J. Powers & Associates
San Jose, CA

August 2018

No Scale



Notes:
Base map provided by:
Civil Engineering Associates
San Jose, CA

Dripelines and numbered tree locations are approximate.

