

**Appendix G:
Preliminary Arborist Report**



Arborist Report

Tamien Station
San Jose, CA

PREPARED FOR:
Urban Co Tamien LLC
470 South Market
San Jose, CA 95003

PREPARED BY:
HortScience | Bartlett Consulting
325 Ray St.
Pleasanton, CA 94566

February 1, 2019

**Arborist Report
Tamien Station
San Jose, CA**

Table of Contents

	Page
Executive Summary	1
Introduction and Overview	2
Tree Assessment Methods	2
Description of Trees	3
Suitability for Preservation	5
Evaluation of Impacts and Recommendations	6
Replacement of trees being removed	7

List of Tables

Table 1. Condition ratings and frequency of occurrence of trees	3
Table 2. Tree suitability for preservation	6
Table 3. Trees of trees to be removed by type and diameter	7
Table 4. City of San Jose Mitigation Requirements	7
Table 5. Replacement of trees being removed	8

Exhibits

***Tree Assessment Plan
Tree Assessment
Tree Disposition***

Arborist Report Tamien Station San Jose, CA

Executive Summary

Urban Co Tamien LLC is planning the redevelopment of Tamien Station in San Jose, CA. The site is currently a parking lot for a Caltrain station with a vacant lot used for parking and a small building used as a pre-school with associated landscapes. Trees were assessed on December 20, 2018. The assessment included all trees 6' and taller, located within and adjacent to the project area.

One hundred fifty-nine (159) trees representing 10 species were evaluated (Table 1). For all species combined, trees were in fair condition (60%) with 31% of trees in good condition and 28% of trees in fair condition. Trees #170-172 and 174-177 were growing off-site just south of the parking lot.

Based on my evaluation of the plans and review of the Tree Mitigation Plan (Studio T Square 11/7/18):

- One hundred fifty-eight (158) are planned for removal (93 Ordinance Sized)
- One tree is planned for preservation.

Of the trees planned for removal:

- Seventy-one (71) trees are within the future building envelope.
- Thirty-five (35) trees are within additional hardscape areas such as sidewalks and patios.
- Twenty-seven (27) trees have no apparent construction near them, but are shown as being removed in the *Tree Mitigation Plan*.
- Eighteen (18) trees will be removed to build the Loop Road.
- Seven trees will be removed to replace the existing chain link fence with another fence or wall. These trees are primarily small, off-site invasive species that are embedded in the current fence.

The tree planned for preservation is off-site tree-of-heaven #174. This invasive species is identified as an "Unsuitable Tree" by the City of San Jose. Because this is a commercial development, however, that designation may not apply. The property owner may prefer to have this tree removed rather than preserved.

Based on my evaluation of the plans and the standard replacement ratios for the City of San Jose, I calculated 498 15-gallon trees as the replacement requirement for this project.

Introduction and Overview

Urban Co Tamien LLC is planning the redevelopment of Tamien Station in San Jose, CA. The site is currently a parking lot for a Caltrain station with a vacant lot used for parking and a small building used as a pre-school with associated landscapes. HortScience | Bartlett Consulting was asked to prepare an **Arborist Report** for the site as part of the application to the City of San Jose.

This report provides the following information:

1. Assessment of the health and structural condition of the trees within the proposed project area based on a visual inspection from the ground.
2. Evaluation of the impacts to trees based on development plans.
3. Calculation of replacement trees required for tree removal using typical City of San Jose ratios.

Tree Assessment Methods

Trees were assessed on December 20, 2018. The assessment included all trees 6' and taller, located within and adjacent to the project area. Off-site trees with canopies extending over the property line were included in the assessment. The assessment procedure consisted of the following steps:

1. Identifying the tree as to species.
2. Tagging each tree with an identifying number and recording its location on a map; off-site trees were not tagged.
3. Measuring the trunk diameter at a point 54" above grade; for off-site trees diameters were estimated.
4. Evaluating the health and structural condition using a scale of 0 – 5 based on a visual inspection from the ground:
 - 5** - A healthy, vigorous tree, reasonably free of signs and symptom of disease, with good structure and form typical of the species.
 - 4** - Tree with slight decline in vigor, small amount of twig dieback, minor structural defects that could be corrected.
 - 3** - Tree with moderate vigor, moderate twig and small branch dieback, thinning of crown, poor leaf color, moderate structural defects that might be mitigated with regular care.
 - 2** - Tree in decline, epicormic growth, extensive dieback of medium to large branches, significant structural defects that cannot be abated.
 - 1** - Tree in severe decline, dieback of scaffold branches and/or trunk; most of foliage from epicormics; extensive structural defects that cannot be abated.
 - 0** - Tree is dead.
5. 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:

High: Trees with good health and structural stability that have the potential for longevity at the site.

Moderate: Trees with somewhat declining health and/or structural defects that can be abated with treatment. The tree will require more intense management and monitoring, and may have a shorter life span than those in the "high" category.

Low: Tree in poor health or with significant structural defects that cannot be mitigated. Tree is expected to continue to decline, regardless of treatment. The species or individual may have characteristics that

are undesirable for landscapes and generally are unsuited for use areas.

Description of Trees

One hundred fifty-nine (159) trees representing 10 species were evaluated (Table 1). For all species combined, trees were in fair condition (60%) with 31% of trees in good condition and 28% of trees in fair condition. Trees #170-172 and 174-177 were growing off-site just south of the parking lot. Descriptions of each tree are found in the **Tree Assessment**, and approximate locations are plotted on the **Tree Assessment Plan** (see Exhibits).

**Table 1. Condition ratings and frequency of occurrence of trees
Tamien Station, San Jose, CA**

Common Name	Scientific Name	Condition			Total
		Poor (1-2)	Fair (3)	Good (4-5)	
Tree-of-heaven	<i>Ailanthus altissima</i>	-	9	-	9
European white birch	<i>Betula pendula</i>	-	3	-	3
Jacaranda	<i>Jacaranda mimosifolia</i>	6	42	23	71
Glossy privet	<i>Ligustrum lucidum</i>	-	2	-	2
London plane	<i>Platanus x hispanica</i>	3	29	22	54
Purpleleaf plum	<i>Prunus cerasifera</i>	1	-	-	1
Callery pear	<i>Pyrus calleryana</i>	3	6	3	12
Coast redwood	<i>Sequoia sempervirens</i>	-	3	2	5
Siberian elm	<i>Ulmus pumila</i>	1	-	-	1
Mexican fan palm	<i>Washingtonia robusta</i>	-	1	-	1
Total		14	95	50	159

The most common species assessed was jacaranda (71 trees, 45% of the population). The jacarandas were primary planted in the parking lot islands and in a dense allee along the southern parking lot entrance (Photo 1). These trees were in fair condition (42 trees) with 23 trees in good condition and six in poor condition. The jacarandas were young (4" diameter) to semi-mature (17" diameter) with an average diameter of 12".

The second most common species assessed was London plane (54 trees, 34% of the population). The London planes primarily lined the street and main access to the parking lot. These trees were in fair condition (29 trees) with 22 trees in good condition and three trees in poor condition. The London planes ranged from young (2" diameter) to semi-mature (20" diameter) with an average diameter of 12". The street trees had been pruned heavily to provide clearance for utilities (Photo 2). The London planes in the entranceway had been planted closely together and were competing for growing space (Photo 3).

Twelve (12) callery pears were present around the child care center. These trees were in fair condition (6 trees) with three trees in good condition and three trees in poor condition. The pears ranged in diameter from 8" to 12".

Nine trees-of-heaven volunteers were growing in the vacant lot and off-site (Photo 4). Tree #1 was a large multi-stemmed tree (Photo 4).



Photo 1 (upper left): Jacarandas lined the southern entrance to the parking lot (tree #57 shown).

Photo 2 (upper right): The London planes along Lick Avenue had been heavily pruned for utilities (tree #56 shown).

Photo 3 (lower left): The London planes lining the pathway to the station were densely planted and competing for space.

Photo 4 (lower right): Several multi-stemmed tree-of-heavens were growing on the vacant portion of the site.



Five redwoods were growing around the child care center. All five trees had good form and structure but varied in foliage quality mostly likely due to water stressed (Photo 5).

Four additional species made up the remaining 5% of the population. None of these trees were particularly large or noteworthy.

The City of San Jose designates trees 12" and larger in diameter as "Ordinance Sized Trees". By this definition, 93 trees were *Ordinance Sized*. There were no native or orchard trees present. Designations for individual trees are provided in the **Tree Assessment** (see *Exhibits*).

Suitability for Preservation

Before evaluating the impacts that will occur during development, it is important to consider the quality of the tree resource itself, and the potential for individual trees to function well over an extended length of time. 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. For trees growing in open fields, away from areas where people and property are present, structural defects and/or poor health present a low risk of damage or injury if they fail. However, we must be concerned about safety in use areas. Therefore, where development encroaches into existing plantings, we must consider their structural stability as well as their potential to grow and thrive in a new environment. Where development will not occur, the normal life cycles of decline, structural failure and death should be allowed to continue.

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. For example, London plane #117 was in poor condition and should be removed regardless of construction impact;
- **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. For example, Jacaranda #61 had crossing branches that could not be corrected through pruning;
- **Species response**
There is a wide variation in the response of individual species to construction impacts and changes in the environment. For instance, coast redwoods are tolerant of root pruning when soil is adequately moist;

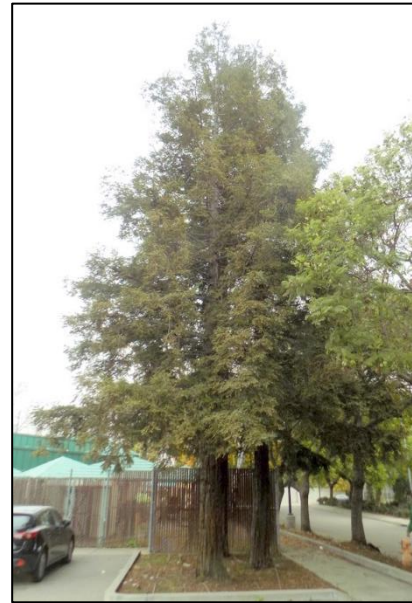


Photo 5: Coast redwood #68 had good form and structure but showed symptoms of prolonged water stress.

- **Tree age and longevity**
Mature 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; and
- **Species invasiveness**
Species that 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 <http://www.cal-ipc.org/plants/inventory/> lists species identified as being invasive. San Jose is part of the Central West Floristic Province. Tree of heaven and Mexican fan palm are listed as moderately invasive. Glossy privet and purpleleaf plum are listed as limited invasiveness.

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

**Table 2. Tree suitability for preservation
Tamien Station, San Jose, CA**

High	These are trees with good health and structural stability that have the potential for longevity at the site. Twenty-six (26) tree had “high” suitability for preservation.
Moderate	Trees in this category have fair health and/or structural defects that may be abated with treatment. These trees require more intense management and monitoring, and may have shorter life-spans than those in the “high” category. Eighty-four (84) trees had “moderate” suitability for preservation.
Low	Trees in this category are in poor health or have 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. Forty-nine (49) trees had “low” suitability for preservation.

Evaluation of Impacts and Recommendations

The *Tree Assessment* was the reference point for tree health, condition, and suitability for preservation. I used the *Grade Level Landscape Plan* created by Studio T Square dated November 7, 2018 to evaluate impacts to trees. The plan shows the entire site being demolished and redesigned. In addition I reviewed the *Tree Mitigation Plan* (Studio T Square 11/7/18).

The disposition of each tree is shown in the **Tree Disposition Table** (see Exhibits). Based on my evaluation of the plans:

- One hundred fifty-eight (158) are planned for removal (93 Ordinance Sized)
- One tree is planned for preservation.

Of the trees planned for removal:

- Seventy-one (71) trees are within the future building envelope.

- Thirty-five (35) trees are within additional hardscape areas such as sidewalks and patios.
- Twenty-seven (27) trees do not appear to have any construction near them, but are shown as being removed in the *Tree Mitigation Plan*.
- Eighteen (18) trees will be removed to build the Loop Road.
- Seven trees will be removed to replace the existing chain link fence with another fence or wall. These trees are primarily small, off-site invasive species that are embedded in the current fence.

The tree planned for preservation is off-site tree-of-heaven #174. This invasive species is identified as an “Unsuitable Tree” by the City of San Jose. Because this is a commercial development, however, that designation may not apply. The property owner may prefer to have this tree removed rather than preserved.

Replacement of trees being removed

The number of trees to be removed, broken into the important categories for replacement purposes, are shown in Table 3.

**Table 3. Trees of trees to be removed by type and diameter
Tamien Station, San Jose, CA**

Diameter of Tree to be Removed	Type of Tree to be Removed		
	Native	Non-Native	Orchard
12 inches or greater (Ordinance Size)	0	93	0
6 - 11 inches	0	61	0
less than 6 inches	0	4	0

The City of San Jose requires that trees that are removed be replaced following the ratios shown in Table 4.

**Table 4. City of San Jose Mitigation Requirements
Tamien Station, San Jose, CA**

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 greater than 12” diameter shall not be removed unless a Tree Removal Permit, or equivalent, has been approved for the removal of such trees.				

Based on my evaluation of the plans and the standard replacement ratios for the City of San Jose, I calculated 498 15-gallon trees as the replacement requirement for this project (Table 5).

**Table 5. Replacement of trees being removed
Tamien Station, San Jose, CA**

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	0	372	0	15-gallon container
6 - 11 inches	0	122	0	15-gallon container
less than 6 inches	0	4	0	15-gallon container

If you have any questions about my observations or recommendations, please contact me.

HortScience | Bartlett Consulting



Ryan Gilpin, M.S.
Certified Arborist #WE-10268A



Exhibits

Tree Assessment Map

Tree Assessment

Tree Disposition



Tree Assessment Plan

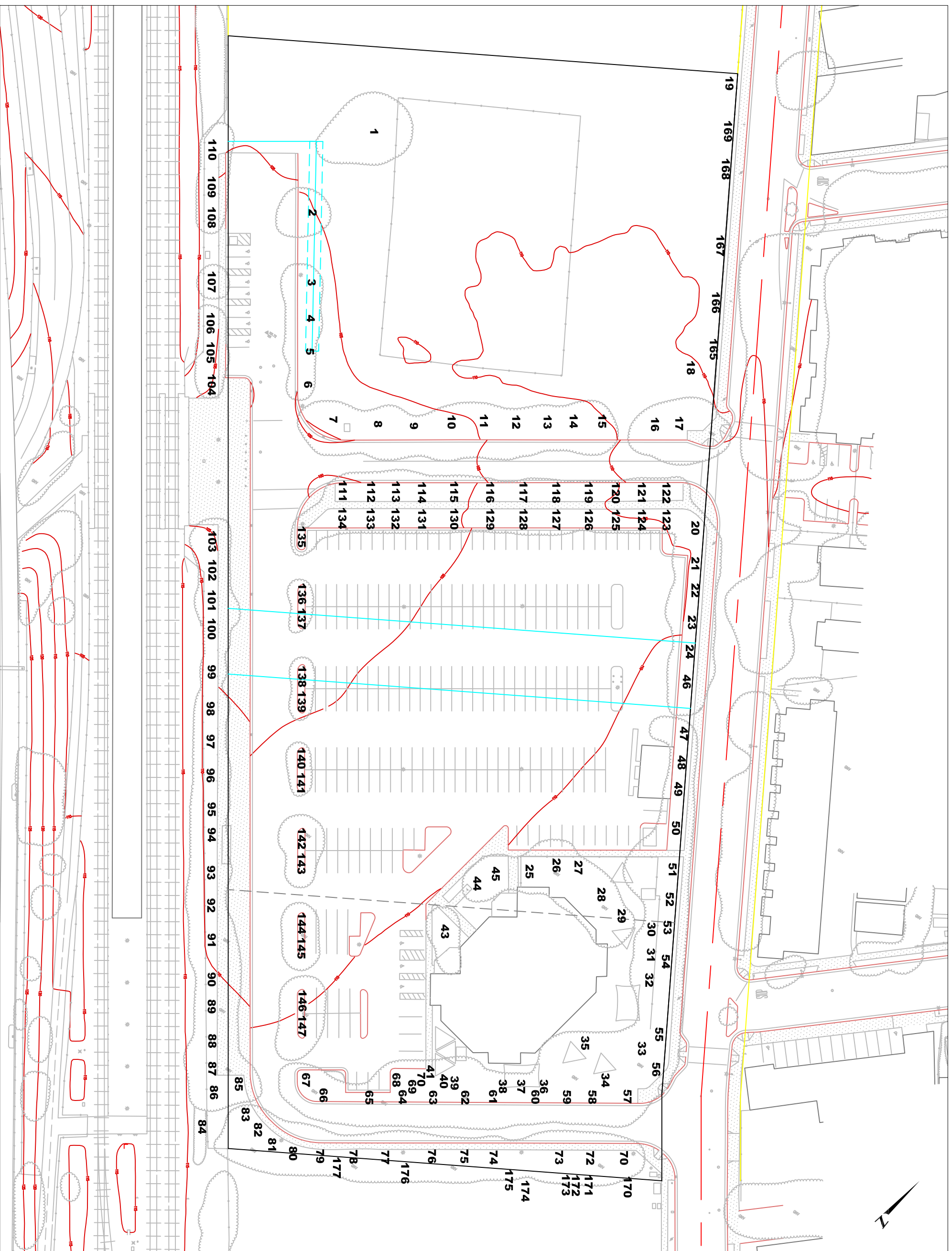
Tamien Station
San Jose, CA

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

May 2015
Updated December 2018

Scale 1" = 70'

Notes:
Base map provided by:
Carlson, Barbee & Gibson, Inc.
San Ramon, CA
Numbered tree locations
are approximate.



325 Ray Street
Pleasanton, CA 94566
Phone 925.484.0211
Fax 925.484.0596
www.hortscience.com

Tree Assessment

Tamien Station
San Jose, CA
December 2018



Tree No.	Species	Trunk Diameter (in.)	Ordinance Sized	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
1	Tree of heaven	16,15,14,1 2,11,11,10 ,9,8	Yes	3	Low	Multiple trunks arise from at base; two failed stems with decay in trunk; vigorous crown.
2	Jacaranda	14	Yes	3	Moderate	Multiple trunks arise from at 8 feet; moderate form; moderate vigor; sprouting from base.
3	Jacaranda	14	Yes	4	High	Codominant trunks arise from at 8 feet; minor dieback; epicormic sprouts at 6 feet.
4	Jacaranda	12	Yes	4	High	Codominant trunks arise from at 6 feet; pruning wounds
5	Jacaranda	10	No	4	High	Codominant trunks arise from at 6 feet; vigorous crown.
6	Jacaranda	8	No	3	Moderate	Multiple trunks arise from at 6 feet; moderate dieback; poorly attached regrowth from heading cuts
7	London plane	19	Yes	4	High	Good form and structure; decaying cavity at 20 feet.
8	London plane	18	Yes	4	High	Codominant trunks arise from at 12 feet; minor dieback.
9	London plane	6	No	4	Moderate	Multiple trunks arise from at 6 feet; minor dieback; suppressed by #10.
10	London plane	17	Yes	4	High	Multiple trunks arise from at 12 feet; dieback; wide spreading crown.
11	London plane	17	Yes	4	High	Strong central leader; dieback; spreading crown; large surface roots.
12	London plane	14	Yes	4	High	Codominant trunks arise from at 15 feet; minor dieback; spreading crown; large surface roots.
13	London plane	13	Yes	3	Moderate	Codominant trunks arise from at 10 feet; dieback; thin crown.
14	London plane	16	Yes	4	High	Codominant trunks arise from at 8 feet; minor dieback; slightly thin, widespreading crown.
15	London plane	2	No	1	Low	Recently planted; totally bent over; extensive dieback.
16	London plane	13	Yes	4	High	Codominant trunks arise from at 10 feet; minor dieback; wide spreading crown.

Tree Assessment

Tamien Station
San Jose, CA
December 2018



Tree No.	Species	Trunk Diameter (in.)	Ordinance Sized	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
17	London plane	20	Yes	4	Moderate	Codominant trunks arise from at 10 feet; minor dieback; seam to codominant; watch for crown separation.
18	Tree of heaven	5,5,4,4,4,3 ,2	Yes	3	Low	Multiple trunks arise from at base; recent resprout.
19	Tree of heaven	5,5,5,4,4,4 ,3,3,2	Yes	3	Low	Multiple trunks arise from at base; recent resprout.
20	London plane	16	Yes	3	Moderate	Multiple trunks arise from at 15 feet; potential decay and fused branch high in central leader; minor dieback.
21	London plane	15	Yes	4	Moderate	Multiple trunks arise from at 10 feet; heading cuts for utilities.
22	London plane	13	Yes	4	Moderate	Codominant trunks arise from at 15 feet; vigorous crown; heading cuts for utilities.
23	London plane	13	Yes	4	Moderate	Strong central leader; minor dieback; spreading crown; heading cuts for utilities.
24	London plane	14	Yes	4	Moderate	Strong central leader; dieback; slightly thin crown; heading cuts for utilities.
25	Callery pear	8	No	3	Moderate	Multiple trunks arise from at 8 feet; narrow thin crown.
26	Callery pear	7	No	2	Low	Multiple trunks arise from at 6 feet; narrow thin crown; extensive dieback; heading cuts.
27	Callery pear	12	Yes	3	Moderate	Multiple trunks arise from at 6 feet; vigorous, wide crown; leaning south; dieback, thin crown.
28	London plane	14	Yes	3	Moderate	Multiple trunks arise from at 15 feet; lion tailed; thin crown; long lateral limb.
29	London plane	12	Yes	3	Moderate	Multiple trunks arise from at 15 feet; lion tailed; thin crown; long lateral limb.
30	Callery pear	8	No	3	Low	Multiple trunks arise from at 7 feet; cannot see base; canopy one sided west.
31	Callery pear	11	No	3	Moderate	Multiple trunks arise from at 7 feet; cannot see base; canopy one sided west.

Tree Assessment

Tamien Station
San Jose, CA
December 2018



Tree No.	Species	Trunk Diameter (in.)	Ordinance Sized	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
32	Callery pear	10	No	2	Low	Multiple trunks arise from at 7 feet; cannot see base; canopy one sided west; extensive dieback.
33	Coast redwood	12	Yes	5	High	Nice tree; growing in sandbox.
34	Coast redwood	20	Yes	4	High	Good for and structure; dense crown; growing in sandbox.
35	London plane	13	Yes	3	Moderate	Lion tailed; thin crown; two dimensional crown; dieback; long lateral limbs.
36	Callery pear	12	Yes	4	High	Multiple trunks arise from at 7 feet; wide spreading canopy; dense crown; growing in sand box.
37	Callery pear	11	No	3	Moderate	Multiple trunks arise from at 7 feet; wide spreading canopy; dense crown; growing in sand box; surface roots.
38	Callery pear	9	No	3	Low	Multiple trunks arise from at 7 feet; growing in sand box; branches bow out then up; leaning west; suppressed.
39	European white birch	14	Yes	3	Moderate	Codominant trunks arise from at 10 feet; included bark in branch attachments; thin upper crown.
40	European white birch	10	No	3	Moderate	Thin crown; leaning south.
41	European white birch	12	Yes	3	Moderate	Codominant trunks arise from at 10 feet with included bark; thin crown; crowded by redwoods.
43	Callery pear	12	Yes	4	High	Multiple trunks arise from at 7 feet; wide spreading crown; dense crown.
44	Callery pear	12	Yes	4	High	Multiple trunks arise from at 7 feet; wide spreading crown; dense crown.
45	Callery pear	8	No	2	Low	Multiple trunks arise from at 7 feet; thin crown; basal wound; dieback.
46	London plane	12	Yes	3	Low	Strong central leader leans heavily south; dense crown; broken branch; heading cuts for utilities.
47	London plane	13	Yes	3	Moderate	Strong central leader leans south; heading cuts for utilities; dieback.

Tree Assessment

Tamien Station
San Jose, CA
December 2018



Tree No.	Species	Trunk Diameter (in.)	Ordinance Sized	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
48	London plane	11	No	3	Moderate	Strong central leader bowed south; dense, narrow crown; heading cuts for utilities.
49	London plane	15	Yes	3	Moderate	Multiple trunks arise from at 12 feet; minor dieback; heading cuts for utilities.
50	London plane	9	No	3	Low	Multiple trunks arise from at 12 feet; thin crown; dieback; topped for utilities.
51	London plane	16	Yes	4	Moderate	Strong central leader; dense crown; heading cuts for utilities.
52	London plane	16	Yes	4	Moderate	Multiple trunks arise from at 25 feet; dense crown; pruned harshly for utilities.
53	London plane	16	Yes	4	Moderate	Strong central leader; dense crown; heading cuts for utilities.
54	London plane	16	Yes	3	Low	Strong central leader; thin crown; heading cuts for utilities.
55	London plane	19	Yes	2	Low	Strong central leader; dense crown; heading cuts for utilities.
56	London plane	19	Yes	3	Low	Strong central leader; dense crown; heading cuts for utilities.
57	Jacaranda	14	Yes	4	Moderate	Multiple trunks arise from at 5 feet; large pruning wound; dense crown.
58	Jacaranda	13	Yes	2	Low	Multiple trunks arise from at 5 feet; 3 foot long jagged trunk wound.
59	Jacaranda	13	Yes	3	Moderate	Multiple trunks arise from at 8 feet; smal crown.
60	Jacaranda	13	Yes	3	Low	Multiple trunks arise from at 8 feet; lion tailed; raised, narrow, thin crown.
61	Jacaranda	16	Yes	3	Low	Multiple trunks arise from at 8 feet; lion tailed; raised, narrow crown; crossing branches.
62	Jacaranda	14	Yes	2	Low	Codominant trunks arise from at 7 feet; thin crown; poor form and structure.
63	Jacaranda	14	Yes	3	Moderate	Codominant trunks arise from at 9 feet; lion tailed; raised crown.
64	Jacaranda	13	Yes	3	Low	Codominant trunks arise from at 6 feet; lion tailed; raised crown; burned.

Tree Assessment

Tamien Station
San Jose, CA
December 2018



Tree No.	Species	Trunk Diameter (in.)	Ordinance Sized	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
65	Jacaranda	12	Yes	3	Low	Multiple trunks arise from at 8 feet; lion tailed; raised crown; burned.
66	Jacaranda	14	Yes	3	Moderate	Multiple trunks arise from at 12 feet; lion tailed; raised crown.
67	Jacaranda	14	Yes	3	Moderate	Codominant trunks arise from at 6 feet; lion tailed; raised crown.
68	Coast redwood	18	Yes	3	Low	Good form and structure; water stressed.
69	Coast redwood	17	Yes	3	Low	Good form and structure; water stressed.
70	Coast redwood	18	Yes	3	Low	Good form and structure; water stressed.
71	Jacaranda	14	Yes	3	Moderate	Multiple trunks arise from at 8 feet; spreading crown; vigorous sprouting on main branches.
72	Jacaranda	17	Yes	3	Moderate	Codominant trunks arise from at 8 feet; spreading crown; vigorous sprouting on main branches.
73	Jacaranda	17	Yes	3	Moderate	Multiple trunks arise from at 8 feet; spreading crown; vigorous sprouting on main branches.
74	Jacaranda	8	No	4	Moderate	Codominant trunks arise from at 7 feet; branching at awkward angles; small dense crown.
75	Jacaranda	15	Yes	4	Moderate	Codominant trunks arise from at 10 feet; spreading crown. Broken branch; chaotic structure.
76	Jacaranda	13	Yes	3	Moderate	Codominant trunks arise from 6 feet; branch wounds; weeping form.
77	Jacaranda	15	Yes	3	Moderate	Multiple trunks arise from 8 feet; dense crown; blocking light.
78	Jacaranda	13	Yes	3	Low	Multiple trunks arise from at 10 feet with poor attachment; lower branches crossing into fence; dense crown.
79	Jacaranda	15	Yes	3	Moderate	Multiple trunks arise from at 8 feet; thin crown.
80	Jacaranda	13	Yes	2	Low	Codominant trunks arise from at 8 feet; weeping form; small crown.
81	Jacaranda	14	Yes	4	High	Codominant trunks arise from at 8 feet; dense crown; blocking light.

Tree Assessment

Tamien Station
San Jose, CA
December 2018



Tree No.	Species	Trunk Diameter (in.)	Ordinance Sized	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
82	Jacaranda	11	No	3	Low	Codominant trunks arise from at 12 feet; leans heavily south.
83	Jacaranda	13	Yes	4	High	Codominant trunks arise from at 8 feet; crown one sided south west.
84	Purpleleaf plum	8	No	2	Low	Off-site; covered in ivy; base 2 feet from fence.
85	Jacaranda	14	Yes	4	Moderate	Codominant trunks arise from at 8 feet; wide spreading crown.
86	Jacaranda	15	Yes	3	Moderate	Codominant trunks arise from at 8 feet; wide spreading crown; vigorous sprouting after harsh pruning; 12" trunk wound.
87	Jacaranda	15	Yes	4	Moderate	Codominant trunks arise from at 8 feet with included bark; wide spreading crown.
88	Jacaranda	15	Yes	2	Low	Multiple trunks arise from at 10 feet; resprouting from topping.
89	Jacaranda	15	Yes	3	Moderate	Multiple trunks arise from at 8 feet with included bark; narrow form; growing against wall.
90	Jacaranda	15	Yes	2	Low	Poor form and structure.
91	Jacaranda	14	Yes	4	Moderate	Codominant trunks arise from at 8 feet with included bark; narrow form; growing against wall.
92	Jacaranda	14	Yes	4	Moderate	Codominant trunks arise from at 10 feet; spreading, vigorous crown.
93	Jacaranda	13	Yes	3	Moderate	Codominant trunks arise from at 8 feet; spreading, thin crown.
94	Jacaranda	12	Yes	3	Low	Codominant trunks arise from at 8 feet; previously topped.
95	Jacaranda	12	Yes	3	Moderate	Codominant trunks arise from at 8 feet; small, dense crown.
96	Jacaranda	9	No	3	Low	Codominant trunks arise from at 8 feet; crooked trunk; girdling root.
97	Jacaranda	9	No	4	High	Codominant trunks arise from at 8 feet; crooked trunk; dense crown.
98	Jacaranda	10	No	4	Moderate	Codominant trunks arise from at 8 feet; moderate form.

Tree Assessment

Tamien Station
San Jose, CA
December 2018



Tree No.	Species	Trunk Diameter (in.)	Ordinance Sized	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
99	Jacaranda	9	No	4	Moderate	Codominant trunks arise from at 8 feet; moderate form; dense crown.
100	Jacaranda	8	No	3	Moderate	Multiple trunks arise from at 8 feet; leaning east; dense crown.
101	Jacaranda	12	Yes	4	High	Multiple trunks arise from at 8 feet; moderate form; dense crown.
102	Jacaranda	9	No	3	Moderate	Multiple trunks arise from at 8 feet; moderate form; dieback; epicormic sprouting.
103	Jacaranda	10	No	4	High	Codominant trunks arise from at 6 feet; moderate form; dense crown.
104	Jacaranda	10	No	3	Moderate	Multiple trunks arise from at 6 feet; moderate form; leaning west.
105	Jacaranda	12	Yes	4	Moderate	Codominant trunks arise from at 6 feet; moderate form; dense crown.
106	Jacaranda	9	No	4	High	Codominant trunks arise from at 6 feet; dense crown.
107	Jacaranda	10	No	4	High	Codominant trunks arise from at 6 feet; dense crown.
108	Jacaranda	10	No	3	Moderate	Codominant trunks arise from at 6 feet with wound into attachment; trunk wound; dieback; sprouting.
109	Jacaranda	13	Yes	4	High	Codominant trunks arise from at 6 feet; vigorous spreading crown.
110	Jacaranda	11	No	4	High	Codominant trunks arise from at 6 feet; vigorous spreading crown.
111	London plane	9	No	3	Moderate	Strong central leader; dieback; broken branches.
112	London plane	9	No	3	Moderate	Strong central leader; dieback; deciduous.
113	London plane	10	No	3	Moderate	Strong central leader; minor dieback; narrow crown.
114	London plane	8	No	3	Moderate	Strong central leader; dieback; narrow crown.
115	London plane	9	No	3	Moderate	Strong central leader; dieback; epicormics.
116	London plane	7	No	3	Moderate	Codominant trunks arise from at 10 feet; dieback; epicormics.

Tree Assessment

Tamien Station
San Jose, CA
December 2018



Tree No.	Species	Trunk Diameter (in.)	Ordinance Sized	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
117	London plane	6	No	1	Low	Mostly dead.
118	London plane	7	No	3	Moderate	Codominant trunks arise from at 6 feet; dieback; epicormics.
119	London plane	7	No	3	Moderate	Strong central leader; dieback; epicormics.
120	London plane	8	No	3	Moderate	Strong central leader; dieback; epicormics.
121	London plane	8	No	3	Moderate	Strong central leader; dieback; epicormics.
122	London plane	12	Yes	4	Moderate	Strong central leader; wide spreading crown; epicormics.
123	London plane	11	No	4	High	Strong central leader; minor dieback.
124	London plane	12	Yes	3	Moderate	Codominant trunks arise from at 10 feet; minor dieback.
125	London plane	11	No	3	Moderate	Codominant trunks arise from at 10 feet; dieback.
126	London plane	13	Yes	4	Moderate	Strong central leader; dieback.
127	London plane	10	No	3	Moderate	Strong central leader; dieback; wide spreading crown.
128	London plane	9	No	3	Moderate	Codominant trunks arise from at 8 feet; dieback.
129	London plane	12	Yes	4	High	Strong central leader; minor dieback; hanging branches.
130	London plane	13	Yes	4	Moderate	Strong central leader; minor dieback; awkward branch angles.
131	London plane	8	No	3	Moderate	Codominant trunks arise from at 12 feet; epicormics; dieback.
132	London plane	8	No	3	Moderate	Strong central leader; leaning south; dieback.
133	London plane	9	No	4	Moderate	Strong central leader; minor dieback.
134	London plane	11	No	3	Moderate	Multiple trunks arise from at 10 feet; minor dieback; one sided crown to west; hanging branches.
135	Jacaranda	7	No	3	Moderate	Multiple trunks arise from at 6 feet; dieback.
136	Jacaranda	8	No	3	Moderate	Multiple trunks arise from at 6 feet; dieback.
137	Jacaranda	7	No	3	Low	Multiple trunks arise from at 6 feet; dieback; leaning west.
138	Jacaranda	8	No	3	Moderate	Multiple trunks arise from at 6 feet; dieback.
139	Jacaranda	8	No	3	Moderate	Multiple trunks arise from at 8 feet; dieback.
140	Jacaranda	9	No	4	Moderate	Multiple trunks arise from at 8 feet; minor dieback.

Tree Assessment

Tamien Station
San Jose, CA
December 2018



Tree No.	Species	Trunk Diameter (in.)	Ordinance Sized	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
141	Jacaranda	9	No	3	Low	Multiple trunks arise from at 8 feet; extensive dieback.
142	Jacaranda	15	Yes	3	Moderate	Multiple trunks arise from at 8 feet; wide spreading crown; minor dieback; large branch wounds from trucks.
143	Jacaranda	13	Yes	3	Moderate	Multiple trunks arise from at 12 feet with poor attachment.; crooked trunk.
144	Jacaranda	14	Yes	3	Low	Multiple trunks arise from at 8 feet; broken branches.
145	Jacaranda	12	Yes	3	Moderate	Codominant trunks arise from at 8 feet; dieback.
146	Jacaranda	14	Yes	2	Low	Codominant trunks arise from at 8 feet; pruning wounds; removed half of tree.
147	Jacaranda	15	Yes	3	Moderate	Multiple trunks arise from at 7 feet; wide spreading vigorous crown.
165	Tree of heaven	3,2	No	3	Low	Invasive volunteer.
166	Tree of heaven	5	No	3	Low	Invasive volunteer.
167	Tree of heaven	4,4,4,4	Yes	3	Low	Invasive volunteer.
168	Tree of heaven	8	No	3	Low	Invasive volunteer.
169	Tree of heaven	5	No	3	Low	Invasive volunteer.
170	Glossy privet	2,1,1,1,1	No	3	Low	Off-site; volunteer embedded in fence.
171	Jacaranda	2,2,2	No	3	Low	Off-site; volunteer embedded in fence.
172	Jacaranda	4	No	3	Low	Off-site; volunteer embedded in fence.
173	Jacaranda	3,2,1	No	3	Low	Volunteer; embedded in fence.
174	Tree of heaven	7	No	3	Low	Off-site; volunteer; base 4 feet from fence.
175	Siberian elm	7,5,4	Yes	1	Low	Off-site; base at fence; mostly dead.
176	Glossy privet	2,2,1,1,1	No	3	Low	Off-site; volunteer at fence.
177	Mexican fan palm	12	Yes	3	Low	Off-site; volunteer at fence.

Tree Disposition

Tamien Station
San Jose, CA
December 2018



Tree No.	Species	Trunk Diameter (in.)	Ordinance Sized	Disposition	Comments
1	Tree of heaven	16,15,14,12,11,11,10,9,8	Yes	Remove	Within hardscape
2	Jacaranda	14	Yes	Remove	Within hardscape
3	Jacaranda	14	Yes	Remove	Within hardscape
4	Jacaranda	12	Yes	Remove	Within hardscape
5	Jacaranda	10	No	Remove	Within hardscape
6	Jacaranda	8	No	Remove	Within hardscape
7	London plane	19	Yes	Remove	Within building
8	London plane	18	Yes	Remove	Within building
9	London plane	6	No	Remove	Within building
10	London plane	17	Yes	Remove	Within building
11	London plane	17	Yes	Remove	Within building
12	London plane	14	Yes	Remove	Within building
13	London plane	13	Yes	Remove	Within building
14	London plane	16	Yes	Remove	Within building
15	London plane	2	No	Remove	Within building
16	London plane	13	Yes	Remove	Within building
17	London plane	20	Yes	Remove	Within building
18	Tree of heaven	5,5,4,4,4,3,2	Yes	Remove	Within hardscape
19	Tree of heaven	5,5,5,4,4,4,3,3,2	Yes	Remove	Within hardscape
20	London plane	16	Yes	Remove	Within hardscape
21	London plane	15	Yes	Remove	Within hardscape
22	London plane	13	Yes	Remove	Within hardscape
23	London plane	13	Yes	Remove	Within hardscape
24	London plane	14	Yes	Remove	Within hardscape
25	Callery pear	8	No	Remove	Within building

Tree Disposition

Tamien Station
San Jose, CA
December 2018



Tree No.	Species	Trunk Diameter (in.)	Ordinance Sized	Disposition	Comments
26	Callery pear	7	No	Remove	Within building
27	Callery pear	12	Yes	Remove	Within building
28	London plane	14	Yes	Remove	Within building
29	London plane	12	Yes	Remove	Within building
30	Callery pear	8	No	Remove	Within building
31	Callery pear	11	No	Remove	Within building
32	Callery pear	10	No	Remove	Within building
33	Coast redwood	12	Yes	Remove	Within building
34	Coast redwood	20	Yes	Remove	Within building
35	London plane	13	Yes	Remove	Within building
36	Callery pear	12	Yes	Remove	Within building
37	Callery pear	11	No	Remove	Within building
38	Callery pear	9	No	Remove	Within building
39	European white birch	14	Yes	Remove	Within building
40	European white birch	10	No	Remove	Within building
41	European white birch	12	Yes	Remove	Within building
43	Callery pear	12	Yes	Remove	Within building
44	Callery pear	12	Yes	Remove	Within building
45	Callery pear	8	No	Remove	Within building
46	London plane	12	Yes	Remove	Within hardscape
47	London plane	13	Yes	Remove	Within hardscape
48	London plane	11	No	Remove	Within hardscape
49	London plane	15	Yes	Remove	Within hardscape

Tree Disposition

Tamien Station
San Jose, CA
December 2018



Tree No.	Species	Trunk Diameter (in.)	Ordinance Sized	Disposition	Comments
50	London plane	9	No	Remove	Within hardscape
51	London plane	16	Yes	Remove	Within hardscape
52	London plane	16	Yes	Remove	Within hardscape
53	London plane	16	Yes	Remove	Within hardscape
54	London plane	16	Yes	Remove	Within hardscape
55	London plane	19	Yes	Remove	Within hardscape
56	London plane	19	Yes	Remove	Within hardscape
57	Jacaranda	14	Yes	Remove	Within hardscape
58	Jacaranda	13	Yes	Remove	Within hardscape
59	Jacaranda	13	Yes	Remove	Within hardscape
60	Jacaranda	13	Yes	Remove	Within road
61	Jacaranda	16	Yes	Remove	Within hardscape
62	Jacaranda	14	Yes	Remove	Within road
63	Jacaranda	14	Yes	Remove	Within road
64	Jacaranda	13	Yes	Remove	Within road
65	Jacaranda	12	Yes	Remove	Within road
66	Jacaranda	14	Yes	Remove	Within hardscape
67	Jacaranda	14	Yes	Remove	Within hardscape
68	Coast redwood	18	Yes	Remove	Within building
69	Coast redwood	17	Yes	Remove	Within building
70	Coast redwood	18	Yes	Remove	Within building
71	Jacaranda	14	Yes	Remove	Within road
72	Jacaranda	17	Yes	Remove	Within road
73	Jacaranda	17	Yes	Remove	Within road
74	Jacaranda	8	No	Remove	Within road

Tree Disposition

Tamien Station
San Jose, CA
December 2018



Tree No.	Species	Trunk Diameter (in.)	Ordinance Sized	Disposition	Comments
75	Jacaranda	15	Yes	Remove	Within road
76	Jacaranda	13	Yes	Remove	Within road
77	Jacaranda	15	Yes	Remove	Adjacent to road
78	Jacaranda	13	Yes	Remove	Adjacent to road
79	Jacaranda	15	Yes	Remove	Adjacent to road
80	Jacaranda	13	Yes	Remove	Adjacent to road
81	Jacaranda	14	Yes	Remove	Adjacent to road
82	Jacaranda	11	No	Remove	Adjacent to road
83	Jacaranda	13	Yes	Remove	Adjacent to road
84	Purpleleaf plum	8	No	Remove	Landscape design
85	Jacaranda	14	Yes	Remove	Landscape design
86	Jacaranda	15	Yes	Remove	Landscape design
87	Jacaranda	15	Yes	Remove	Landscape design
88	Jacaranda	15	Yes	Remove	Landscape design
89	Jacaranda	15	Yes	Remove	Landscape design
90	Jacaranda	15	Yes	Remove	Landscape design
91	Jacaranda	14	Yes	Remove	Landscape design
92	Jacaranda	14	Yes	Remove	Landscape design
93	Jacaranda	13	Yes	Remove	Landscape design
94	Jacaranda	12	Yes	Remove	Landscape design
95	Jacaranda	12	Yes	Remove	Landscape design
96	Jacaranda	9	No	Remove	Landscape design
97	Jacaranda	9	No	Remove	Landscape design
98	Jacaranda	10	No	Remove	Landscape design
99	Jacaranda	9	No	Remove	Landscape design

Tree Disposition

Tamien Station
San Jose, CA
December 2018



Tree No.	Species	Trunk Diameter (in.)	Ordinance Sized	Disposition	Comments
100	Jacaranda	8	No	Remove	Landscape design
101	Jacaranda	12	Yes	Remove	Landscape design
102	Jacaranda	9	No	Remove	Landscape design
103	Jacaranda	10	No	Remove	Landscape design
104	Jacaranda	10	No	Remove	Landscape design
105	Jacaranda	12	Yes	Remove	Landscape design
106	Jacaranda	9	No	Remove	Landscape design
107	Jacaranda	10	No	Remove	Landscape design
108	Jacaranda	10	No	Remove	Landscape design
109	Jacaranda	13	Yes	Remove	Landscape design
110	Jacaranda	11	No	Remove	Landscape design
111	London plane	9	No	Remove	Within building
112	London plane	9	No	Remove	Within building
113	London plane	10	No	Remove	Within building
114	London plane	8	No	Remove	Within building
115	London plane	9	No	Remove	Within building
116	London plane	7	No	Remove	Within building
117	London plane	6	No	Remove	Within building
118	London plane	7	No	Remove	Within building
119	London plane	7	No	Remove	Within building
120	London plane	8	No	Remove	Within building
121	London plane	8	No	Remove	Within building
122	London plane	12	Yes	Remove	Within building
123	London plane	11	No	Remove	Within building
124	London plane	12	Yes	Remove	Within building

Tree Disposition

Tamien Station
San Jose, CA
December 2018



Tree No.	Species	Trunk Diameter (in.)	Ordinance Sized	Disposition	Comments
125	London plane	11	No	Remove	Within building
126	London plane	13	Yes	Remove	Within building
127	London plane	10	No	Remove	Within building
128	London plane	9	No	Remove	Within building
129	London plane	12	Yes	Remove	Within building
130	London plane	13	Yes	Remove	Within building
131	London plane	8	No	Remove	Within building
132	London plane	8	No	Remove	Within building
133	London plane	9	No	Remove	Within building
134	London plane	11	No	Remove	Within building
135	Jacaranda	7	No	Remove	Within building
136	Jacaranda	8	No	Remove	Within building
137	Jacaranda	7	No	Remove	Within building
138	Jacaranda	8	No	Remove	Within building
139	Jacaranda	8	No	Remove	Within building
140	Jacaranda	9	No	Remove	Within building
141	Jacaranda	9	No	Remove	Within building
142	Jacaranda	15	Yes	Remove	Within building
143	Jacaranda	13	Yes	Remove	Within building
144	Jacaranda	14	Yes	Remove	Within building
145	Jacaranda	12	Yes	Remove	Within building
146	Jacaranda	14	Yes	Remove	Within building
147	Jacaranda	15	Yes	Remove	Within building
165	Tree of heaven	3,2	No	Remove	Within hardscape
166	Tree of heaven	5	No	Remove	Within hardscape

Tree Disposition

Tamien Station
San Jose, CA
December 2018



Tree No.	Species	Trunk Diameter (in.)	Ordinance Sized	Disposition	Comments
167	Tree of heaven	4,4,4,4	Yes	Remove	Within hardscape
168	Tree of heaven	8	No	Remove	Within hardscape
169	Tree of heaven	5	No	Remove	Within hardscape
170	Glossy privet	2,1,1,1,1	No	Remove	Within fence/wall
171	Jacaranda	2,2,2	No	Remove	Within fence/wall
172	Jacaranda	4	No	Remove	Within fence/wall
173	Jacaranda	3,2,1	No	Remove	Within fence/wall
174	Tree of heaven	7	No	Preserve	Approx. 4 feet from wall
175	Siberian elm	7,5,4	Yes	Remove	Within fence/wall
176	Glossy privet	2,2,1,1,1	No	Remove	Within fence/wall
177	Mexican fan palm	12	Yes	Remove	Within fence/wall