Updated Arborist Report

550 E. Brokaw Rd.,
San Jose, CA

Prepared for:
Bay West Development
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Campbell, CA 95008

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HORT SCIENCE
BARTLETT CONSULTING
Divisions of The F.A. Bartlett Tree Expert Company

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Introduction and Overview

Bay West Development is planning to re-develop the property at 550 Brokaw in San Jose, CA. Current site use consists of a large commercial electronics store, offices, parking, and associated landscape. Bay West Development requested that HortScience | Bartlett Consulting, divisions of The F.A. Bartlett Tree Expert Company, prepare an **Arborist Report** for the site. This report provides the following information:

1. An assessment of trees within the project area.
2. A preliminary evaluation of the impacts of constructing the proposed project on the trees.
3. Preliminary recommendations for tree removal and preservation.
4. Guidelines for tree preservation during the design, construction and maintenance phases of development.

Assessment Methods

Trees were assessed on July 1, 2020. The assessment included all trees 6 feet in height and taller located within and adjacent to the proposed project area. Twenty-seven (27) off-site trees were located behind fences and walls on the adjacent property with canopies extending over the project area and were included in the assessment but viewed from the subject property. The assessment procedure consisted of the following steps:

1. Identifying the tree species;
2. Tagging each tree with an identifying number and recording its location on a map;
3. Measuring the trunk diameter at a point 54" above grade. Diameters for off-site trees were estimated.
4. Evaluating the health and structural condition using a scale of 1 – 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.
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 shorter life span than those in '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

Three hundred and one (301) trees were evaluated, representing 24 species (Table 1). This included 274 on-site trees and 27 off-site trees with portions of their crowns extending over the development site. All of the trees appeared to have been planted. Species present were typical of landscape plants found in the San Jose area. None of the species were native trees.

Table 1. Species present and tree condition
550 Brokaw San Jose, CA.

Common Name	Scientific Name				Total
		Poor (1-2)	Fair (3)	Good (4-5)	
Monkey puzzle	*Araucaria araucana*	2	-	-	**2**
Strawberry tree	*Arbutus unedo*	-	1	-	**1**
Deodar cedar	*Cedrus deodara*	1	1	1	**3**
River red gum	*Eucalyptus camaldulensis*	15	6	-	**21**
Blue gum	*Eucalyptus globulus*	3	5	-	**8**
Compact blue gum	*Eucalyptus globulus* 'Compacta'	-	1	-	**1**
Red iron bark	*Eucalyptus sideroxylon*	-	5	-	**5**
Fig	*Ficus carica*	1	-	-	**1**
Evergreen ash	*Fraxinus uhdei*	22	15	6	**43**
Chinese flame tree	*Koelreuteria bipinnata*	32	60	-	**92**
Sweet bay	*Laurus nobilis*	5	4	-	**9**
Saratoga bay laurel	*Laurus* x 'Saratoga'	4	-	-	**4**
Glossy privet	*Ligustrum lucidum*	31	14	1	**46**
Myoporum	*Myoporum laetum*	1	-	-	**1**
Monterey pine	*Pinus radiata*	1	2	-	**3**
London plane	*Platanus* x *hispanica*	1	-	-	**1**
Evergreen pear	*Pyrus kawakamii*	2	11	-	**13**
Holly oak	*Quercus ilex*	2	-	-	**2**
Willow	*Salix* sp.	1	-	-	**1**
Queen palm	*Syagrus romanzoffianum*	-	13	3	**16**
Chinese elm	*Ulmus parvifolia*	18	4	-	**22**
Siberian elm	*Ulmus pumila*	-	1	-	**1**
Mexican fan palm	*Washingtonia robusta*	-	4	-	**4**
Sawleaf zelkova	*Zelkova serrata*	1	-	-	**1**
Total		**143**	**147**	**11**	**301**

The most common species assessed was Chinese flame tree (92 trees, 31% of population). The Chinese flame trees were in fair (60 trees) condition with 32 trees in poor condition. They ranged from young (4 inch trunk diameter) to mature trees (20 inch trunk diameter). Chinese flame trees had multiple or codominant branching originating from a single point and were primarily growing in small, narrow parking lot planters or adjacent to curbs (Photo 1).

Photo 1: Chinese flame trees #28-33 were growing in a narrow parking lot planter along a chain-link fence on the southern perimeter.

Glossy privet was the second most frequently occurring species with 46 trees (Photo 2). Most privets were located along Brokaw Rd. (#142-151) and Junction Ave. (#2-14, 16-20, 22, 23, and 25-27). Generally the privets were mature in development. Trunk diameters ranged from 3 to 23 inches. Privets had been topped, lowering condition to poor for 31 trees. Fourteen (14) trees were in fair condition and #127 was in good. Privets had either codominant trunks or multiple attachments between 4 and 6 feet. Two privets (#280 & 281) were off-site trees.

Photo 2: Glossy privets #141-152 were growing along Brokaw Rd.

Forty-three (43) evergreen ash trees were assessed. The majority were growing in parking lot planters and had displaced or cracked the curb. Several were growing near the building (Photos 3 & 4, next page). Trees were generally semi-mature to mature in development with trunk diameters that varied from 5 to 54 inches. Twenty-two (22) ash trees were in poor condition and were topped. Fifteen (15) were in fair condition and six of the ash trees were in good condition.

Photos 3 (left) & 4 (below): Evergreen ash #83 had a 34-inch trunk diameter. It was growing 5 feet west of the building with surface roots lifting the hardscape.

Twenty-two (22) Chinese elms were located on Junction Ave. (#15, 18, 21, 24), in parking lot planters and along the eastern perimeter. The elms were young (#55, 179 & 183) to semi-mature in development with trunk diameters ranging from 4 to 12 inches. Fifteen (15) elms had epicormic growth in response to being topped and were in poor condition. Six (6) trees were in fair condition.

Twenty-one (21) red river gums were assessed. Six gums were off-site (#287-301) trees growing on the southwest perimeter. Many of the river gums were growing in parking lot planters. The trees were semi-mature to mature in development with the largest trunk diameter being 40 inches. Red river gums had been topped and were in poor condition. Six trees were in fair condition.

Photo 5: Red river gum #154 was growing in a parking lot planter and had been topped.

Sixteen (16) queen palms were growing on either side of the south entrance of the building. All but three of the trees had grates installed around the base. Trees were semi-mature to mature with trunk diameters ranging from 10-14 inches. Thirteen (13) trees were in fair condition and three were in good condition.

Thirteen (13) evergreen pears were growing on either side of the north entrance on the building. The pears were semi-mature to mature with trunk diameters ranging from 8 to 19 inches. Eleven (11) trees were in fair condition and two were in poor condition. Pear trees had either multiple or condominant branching between five and eight feet.

Nine (9) sweet bays ranged in development from young to semi-mature with trunk diameters ranging from 8-16 inches. Sweet bays were in poor (5 trees) to fair (4 trees). Sweet bays had either multiple or condominant branching between five and eight feet.

All eight blue gums were mature off-site trees growing behind a concrete block wall in the southwest corner of the parking lot. The trunk diameters varied from 30 to 48 inches. Blue gums were in fair (5 trees) to poor (3 trees) condition.

All five (5) red iron barks were off-site trees growing behind a metal fence in the southwest corner adjacent to Junction Avenue. Red iron barks were in fair condition. The trees were in semi-mature to mature in development with the largest trunk diameter of 28 inches.

Four (4) Saratoga bay laurels were growing in front of the building. They had dense canopies, however they had been topped and condition was lowered to poor. The laurels were young to semi-mature with trunk diameters ranging from 4 to 14 inches.

Four (4) Mexican fan palms were mature in development with trunk diameters ranging from 18 to 26 inches. Three were located on the eastern portion of the property. Trees #173 and 177 were growing against the perimeter fence.

No other species was represented by more than three (3) trees. Included in this group were:

- Monterey pines (#112, 113 & 119) were located on the east side of the property. The pines were semi-mature to mature ranging from 26 to 33 inches in diameter. Two trees were in fair condition while tree #119 was in poor condition. Trees were poorly pruned by removing much of the inner stems and foliage, referred to as lion-tailing.
- Deodar cedars (#80, 102 & 165) were mature in development with trunk diameters ranging from 21-27 inches. Cedar #102 was in good condition with a dense canopy. Cedar #165 was in fair condition with a 25 inch trunk diameter. Cedar #80 was in poor condition. It was leaning south and the crown had been topped.
- Holly oaks (#94 and 97) were young in development with trunk diameters 4 and 6 inches. Both were in poor condition.
- Monkey puzzles (#162 & 163) were located on the eastern side of the property. These were mature trees with 27 and 51 inch trunk diameters. Both trees were in poor condition with thin canopies.
- Willow #111 was located on the east side of the building. It had multiple stems originating at the base with trunk diameters of 26, 28 and 29 inches. The willow was in poor condition with the west canopy extending over the building.
- Sawleaf zelkova (#85) was in poor condition and had been topped. The zelkova was mature in development with a 23 inch trunk diameter.
- Siberian elm (#175) was in fair condition. It had codominant stems with 15 and 20 inch trunk diameters.
- London plane (#79) was a semi-mature tree with a 13 inch trunk diameter. It was in poor condition with a topped canopy.
- Myoporum (#81) had multiple stems originating from the base with trunk diameters 10, 10 and 6 inches. The myoporum was in poor condition.
- Fig (#164) was in poor condition with codominant trunks (7 and 5 inches) arising from the base.

- Compact blue gum (#291) was growing off-site. The mature tree (24 inch trunk diameter) was in fair condition.
- Strawberry tree (#156) had multiple trunks (11, 10 and 9 inches) originating from the base. The strawberry tree was in fair condition.

The City of San Jose protects trees with trunk diameters of 12 inches or greater at a height measured 54 inches above natural grade (SJMC 13.32.20.I. Updated February 2018). For multi-trunked trees, the sum of all stem measurements equals the trunk diameter for ordinance and mitigation purposes. Based on this definition, 210 *Ordinance Sized* trees were included in this assessment. These trees cannot be removed without a permit. Protected status of trees is provided in the ***Tree Assessment Form*** (see Exhibits).

One hundred and eighty-six (186) of the *Ordinance Sized* trees were located on-site and 24 were located off-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. For example, Chinese elm #53 was leaning and had branch failure and would not respond to impacts as well as a healthier tree.

- **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, sweet bay #93 had decay on the north side of the trunk and not likely to survive construction impacts.

- **Species response**
  There is a wide variation in the response of individual species to construction impacts and changes in the environment. For example, evergreen ash are tolerant of impacts while Chinese flame trees are more 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. Glossy privet is listed as having limited invasiveness and Mexican fan palm is listed as moderately 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, following page).

Table 2. Tree suitability for preservation
550 Brokaw San Jose, CA.

High	Trees with good health and structural stability that have the potential for longevity at the site. Eleven (11) trees were rated as having good suitability for preservation: evergreen ash #91, 110, 158, 159, 178, 181; queen palms #266, 267, 272; Deodar cedar #102 and glossy privet #127.
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. Ninety-one (91) trees were rated as having moderate suitability for preservation: Chinese flame trees #28-30, 36-38, 40-44, 189-198, 200-203, 209-215, 217, 219, 223, 234, 237-240, 242-248, 250-255, 257-260, 262, 263; queen palms #264, 265, 268-271, 273-279; evergreen pears #86, 88, 89, 90, 92, 101, 103, 104, 106-108; evergreen ash #109, 114, 115, 160, 161, 166-172, 174, 176, 182; river red gum #286-288, 290, 300, 301; blue gum #292-296; red iron bark #282-285, 289; Chinese elm #179, 183, 185, 187; sweet bay #95, 135, 136, 141; Mexican fan palm #82, 122, 173, 177; compact blue gum #291, Siberian elm #175, strawberry tree #156 and Deodar cedar #165.
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. One hundred ninety-nine (199) trees were rated as having poor suitability for preservation including: Chinese flame trees #31-35, 39, 188-190, 194, 195, 199, 203-208, 215, 216, 218, 219, 221, 222, 224, 227-251, 254-263; glossy privet #2-12, 14, 16, 17, 19, 22, 25, 27, 124-126, 128-133, 142-151, 155, 220; evergreen ash #54, 56, 62-67, 73-78, 83, 84, 114-118, 120, 121, 167, 169, 170, 172, 174, 176, 182, 184; Chinese elms #15, 18, 21, 24, 45-51,53, 55, 57, 58, 180, 185, 186; red river gum #1, 59-61, 68-72, 123, 134, 152-154, 157; sweet bay #137-141; Saratoga bay #96, 98-100; Monterey pine #112, 113, 119; blue gum #297-299; evergreen pear #87, 150; Monkey puzzle #162, 163; Mexican fan palm #173, 177; holly oak #94, 97; Deodar cedar #165; fig #164; myoporum #81; sawleaf zelkova #85; London plane #79; willow #111

We consider trees with high suitability for preservation to be the best candidates for preservation. We do not normally 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.

In many cases, the topping had permanently altered the trees form and structure, killing some of the main, upright leaders. The crowns of several trees were formed exclusively from epicormic shoots. Surface roots were also commonly noted and in some cases formed a dense network of exposed roots.

Evaluation of Impacts and Recommendations for Action

Appropriate tree retention develops a practical match between the location and intensity of construction activities and the quality and health of trees. The ***Tree Assessment*** was the reference point for tree condition and quality. Potential impacts from the proposed project were assessed using the Conceptual Tree Disposition Plan prepared by Gensler (dated 7.27.2020).

The plans depicted the proposed work that would develop new buildings, parking areas, and bio-retention features. The project includes removing the existing building, pavements, and parking lots. The overall building footprint would be larger than the existing structure. Impacts to trees in the areas proposed for new construction will be severe. First, demolition of existing buildings and infrastructure may damage trees. Second, grading, excavation, and other construction activities injure trees, through both direct mechanical injury and indirectly by altering drainage. Finally, existing trees may be located in areas planned for new structures.

The Conceptual Tree Disposition Plan proposes to remove all 274 on-site trees, including the 186 on-site *Ordinance Sized* trees. The 27 off-site trees would be retained, including 24 *Ordinance Sized* trees. Table 3 provides the recommended action for each tree along with its Protected status.

Table 3. Proposed action.
550 Brokaw Rd., San Jose, CA.

Tree No	Species	Diameter	Ordinance size?	Disposition	Comment
1	River red gum	27	Yes	Remove	Low suitability
2	Glossy privet	21	Yes	Remove	New sidewalk
3	Glossy privet	23	Yes	Remove	New sidewalk
4	Glossy privet	22	Yes	Remove	New sidewalk
5	Glossy privet	16	Yes	Remove	New sidewalk
6	Glossy privet	17	Yes	Remove	New sidewalk
7	Glossy privet	17	Yes	Remove	New sidewalk
8	Glossy privet	15	Yes	Remove	New sidewalk
9	Glossy privet	17	Yes	Remove	New sidewalk
10	Glossy privet	18	Yes	Remove	New sidewalk
11	Glossy privet	15	Yes	Remove	New sidewalk
12	Glossy privet	14	Yes	Remove	New sidewalk
13	Glossy privet	12	Yes	Remove	New sidewalk
14	Glossy privet	15	Yes	Remove	New sidewalk
15	Chinese elm	12	Yes	Remove	New sidewalk
16	Glossy privet	13	Yes	Remove	New sidewalk
17	Glossy privet	14	Yes	Remove	New sidewalk
18	Chinese elm	14	Yes	Remove	New sidewalk
19	Glossy privet	14	Yes	Remove	New sidewalk
20	Glossy privet	14	Yes	Remove	New sidewalk
21	Chinese elm	14	Yes	Remove	New sidewalk
22	Glossy privet	16	Yes	Remove	New sidewalk
23	Glossy privet	11	No	Remove	New sidewalk
24	Chinese elm	15	Yes	Remove	New sidewalk
25	Glossy privet	13	Yes	Remove	New sidewalk
26	Glossy privet	14	Yes	Remove	New driveway

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Table 3, continued. Proposed action.
550 Brokaw Rd., San Jose, CA.

Tree No	Species	Diameter	Ordinance size?	Disposition	Comment
27	Glossy privet	9	No	Remove	New driveway
28	Chinese flame tree	8	No	Remove	Bio-retention
29	Chinese flame tree	8	No	Remove	New driveway
30	Chinese flame tree	6	No	Remove	New driveway
31	Chinese flame tree	5	No	Remove	Low suitability
32	Chinese flame tree	5	No	Remove	Low suitability
33	Chinese flame tree	11	No	Remove	Low suitability
34	Chinese flame tree	11	No	Remove	Low suitability
35	Chinese flame tree	13	Yes	Remove	Low suitability
36	Chinese flame tree	13	Yes	Remove	Bio-retention
37	Chinese flame tree	11	No	Remove	Bio-retention
38	Chinese flame tree	11	No	Remove	New driveway
39	Chinese flame tree	15	Yes	Remove	Low suitability
40	Chinese flame tree	13	Yes	Remove	New driveway
41	Chinese flame tree	12	Yes	Remove	New driveway
42	Chinese flame tree	14	Yes	Remove	New driveway
43	Chinese flame tree	14	Yes	Remove	New driveway
44	Chinese flame tree	15	Yes	Remove	New driveway
45	Chinese elm	15	Yes	Remove	New parking
46	Chinese elm	15	Yes	Remove	New parking
47	Chinese elm	13	Yes	Remove	New parking
48	Chinese elm	13	Yes	Remove	New parking
49	Chinese elm	11	No	Remove	Low suitability
50	Chinese elm	11	No	Remove	Low suitability
51	Chinese elm	12	Yes	Remove	Low suitability
52	Chinese elm	13	Yes	Remove	Low suitability
53	Chinese elm	12	Yes	Remove	New parking
54	Evergreen ash	24	Yes	Remove	New parking
55	Chinese elm	6	No	Remove	New parking
56	Evergreen ash	24	Yes	Remove	New parking
57	Chinese elm	11	No	Remove	New parking
58	Chinese elm	14	Yes	Remove	New driveway
59	River red gum	19,16,15,13,8	Yes	Remove	Bio-retention
60	River red gum	8	No	Remove	Bio-retention
61	River red gum	15,14,11,11,8	Yes	Remove	Building envelope
62	Evergreen ash	20	Yes	Remove	Building envelope
63	Evergreen ash	17	Yes	Remove	Building envelope
64	Evergreen ash	13	Yes	Remove	Building envelope
65	Evergreen ash	15	Yes	Remove	Building envelope
66	Evergreen ash	20	Yes	Remove	Building envelope
67	Evergreen ash	14	Yes	Remove	Building envelope
68	River red gum	33	Yes	Remove	New driveway
69	River red gum	27	Yes	Remove	New driveway

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Table 3, continued. Proposed action.
550 Brokaw Rd., San Jose, CA.

Tree No	Species	Diameter	Ordinance size?	Disposition	Comment
70	River red gum	16	Yes	Remove	New driveway
71	River red gum	14	Yes	Remove	Low suitability
72	River red gum	22	Yes	Remove	Building envelope
73	Evergreen ash	20	Yes	Remove	Building envelope
74	Evergreen ash	16	Yes	Remove	Building envelope
75	Evergreen ash	16	Yes	Remove	Building envelope
76	Evergreen ash	20	Yes	Remove	Building envelope
77	Evergreen ash	22	Yes	Remove	Building envelope
78	Evergreen ash	6,5	No	Remove	Building envelope
79	London plane	13	Yes	Remove	Building envelope
80	Deodar cedar	21	Yes	Remove	Building envelope
81	Myoporum	10,10,6	Yes	Remove	Building envelope
82	Mexican fan palm	22	Yes	Remove	Building envelope
83	Evergreen ash	34	Yes	Remove	Bio-retention
84	Evergreen ash	17	Yes	Remove	Bio-retention
85	Sawleaf zelkova	23	Yes	Remove	New driveway
86	Evergreen pear	8	No	Remove	Building envelope
87	Evergreen pear	14	Yes	Remove	Building envelope
88	Evergreen pear	15	Yes	Remove	Building envelope
89	Evergreen pear	17	Yes	Remove	Building envelope
90	Evergreen pear	11	No	Remove	Building envelope
91	Evergreen ash	30	Yes	Remove	Building envelope
92	Evergreen pear	17	Yes	Remove	Building envelope
93	Sweet bay	8	No	Remove	Building envelope
94	Holly oak	6	No	Remove	Building envelope
95	Sweet bay	8	No	Remove	Building envelope
96	Saratoga Bay laurel	14	Yes	Remove	Building envelope
97	Holly oak	4	No	Remove	Building envelope
98	Saratoga Bay laurel	9	No	Remove	Building envelope
99	Saratoga Bay laurel	10	No	Remove	Bio-retention
100	Saratoga Bay laurel	7	No	Remove	Bio-retention
101	Evergreen pear	19	Yes	Remove	New driveway
102	Deodar cedar	27	Yes	Remove	Building envelope
103	Evergreen pear	14	Yes	Remove	Building envelope
104	Evergreen pear	13	Yes	Remove	Building envelope
105	Evergreen pear	14	Yes	Remove	Building envelope
106	Evergreen pear	10	No	Remove	Building envelope
107	Evergreen pear	15	Yes	Remove	Building envelope
108	Evergreen pear	16	Yes	Remove	Building envelope
109	Evergreen ash	54	Yes	Remove	Building envelope
110	Evergreen ash	32	Yes	Remove	Building envelope
111	Willow sp.	29,28,26	Yes	Remove	Building envelope
112	Monterey pine	27	Yes	Remove	Building envelope

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Table 3, continued. Proposed action.
550 Brokaw Rd., San Jose, CA.

Tree No	Species	Diameter	Ordinance size?	Disposition	Comment
113	Monterey pine	33	Yes	Remove	Building envelope
114	Evergreen ash	23	Yes	Remove	Building envelope
115	Evergreen ash	22	Yes	Remove	Building envelope
116	Evergreen ash	21	Yes	Remove	Building envelope
117	Evergreen ash	32	Yes	Remove	Building envelope
118	Evergreen ash	15	Yes	Remove	Building envelope
119	Monterey pine	26,18	Yes	Remove	Building envelope
120	Evergreen ash	19	Yes	Remove	Building envelope
121	Evergreen ash	15	Yes	Remove	Building envelope
122	Mexican fan palm	26	Yes	Remove	Building envelope
123	River red gum	30	Yes	Remove	Building envelope
124	Glossy privet	20	Yes	Remove	New sidewalk
125	Glossy privet	17	Yes	Remove	New sidewalk
126	Glossy privet	17	Yes	Remove	New sidewalk
127	Glossy privet	19	Yes	Remove	New sidewalk
128	Glossy privet	17	Yes	Remove	New sidewalk
129	Glossy privet	16	Yes	Remove	New sidewalk
130	Glossy privet	16	Yes	Remove	New sidewalk
131	Glossy privet	20	Yes	Remove	New sidewalk
132	Glossy privet	18	Yes	Remove	New sidewalk
133	Glossy privet	23	Yes	Remove	New sidewalk
134	River red gum	28	Yes	Remove	Building envelope
135	Sweet bay	16	Yes	Remove	Building envelope
136	Sweet bay	16	Yes	Remove	Building envelope
137	Sweet bay	15	Yes	Remove	Building envelope
138	Sweet bay	9	No	Remove	Building envelope
139	Sweet bay	13	Yes	Remove	Building envelope
140	Sweet bay	14	Yes	Remove	Building envelope
141	Sweet bay	12	Yes	Remove	Building envelope
142	Glossy privet	16	Yes	Remove	New sidewalk
143	Glossy privet	16	Yes	Remove	New sidewalk
144	Glossy privet	16	Yes	Remove	New sidewalk
145	Glossy privet	16	Yes	Remove	New sidewalk
146	Glossy privet	17	Yes	Remove	New sidewalk
147	Glossy privet	18	Yes	Remove	New sidewalk
148	Glossy privet	16	Yes	Remove	New sidewalk
149	Glossy privet	17	Yes	Remove	New sidewalk
150	Glossy privet	16	Yes	Remove	New sidewalk
151	Glossy privet	20	Yes	Remove	New sidewalk
152	River red gum	20	Yes	Remove	Low suitability
153	River red gum	20	Yes	Remove	Bio-retention
154	River red gum	34	Yes	Remove	Bio-retention
155	Glossy privet	17	Yes	Remove	New sidewalk

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Table 3, continued. Proposed action.
550 Brokaw Rd., San Jose, CA.

Tree No	Species	Diameter	Ordinance size?	Disposition	Comment
156	Strawberry tree	11,10 9	Yes	Remove	Bio-retention
157	River red gum	17	Yes	Remove	Bio-retention
158	Evergreen ash	24	Yes	Remove	New parking
159	Evergreen ash	24	Yes	Remove	New parking
160	Evergreen ash	26	Yes	Remove	New parking
161	Evergreen ash	27	Yes	Remove	New parking
162	Monkey puzzle	27	Yes	Remove	New parking
163	Monkey puzzle	51	Yes	Remove	New parking
164	Fig	7,5	No	Remove	New parking
165	Deodar cedar	25	Yes	Remove	New parking
166	Evergreen ash	30	Yes	Remove	New parking
167	Evergreen ash	27	Yes	Remove	New parking
168	Evergreen ash	28	Yes	Remove	New parking
169	Evergreen ash	18	Yes	Remove	New parking
170	Evergreen ash	15	Yes	Remove	New parking
171	Evergreen ash	22	Yes	Remove	New parking
172	Evergreen ash	14	Yes	Remove	New parking
173	Mexican fan palm	18	Yes	Remove	New parking
174	Evergreen ash	19	Yes	Remove	New parking
175	Siberian elm	20,15	Yes	Remove	New parking
176	Evergreen ash	16	Yes	Remove	New driveway
177	Mexican fan palm	24	Yes	Remove	New parking
178	Evergreen ash	22	Yes	Remove	New driveway
179	Chinese elm	5	No	Remove	Building envelope
180	Chinese elm	10	No	Remove	Building envelope
181	Evergreen ash	31	Yes	Remove	Building envelope
182	Evergreen ash	11	No	Remove	Building envelope
183	Chinese elm	4	No	Remove	Building envelope
184	Evergreen ash	26	Yes	Remove	Building envelope
185	Chinese elm	10	No	Remove	Building envelope
186	Chinese elm	9	No	Remove	Building envelope
187	Chinese elm	11	No	Remove	Building envelope
188	Chinese flame tree	9	No	Remove	New driveway
189	Chinese flame tree	10	No	Remove	New driveway
190	Chinese flame tree	10	No	Remove	New driveway
191	Chinese flame tree	13	Yes	Remove	New driveway
192	Chinese flame tree	13	Yes	Remove	New driveway
193	Chinese flame tree	1,1,1,1	No	Remove	New driveway
194	Chinese flame tree	12	Yes	Remove	New driveway
195	Chinese flame tree	13	Yes	Remove	New driveway
196	Chinese flame tree	14	Yes	Remove	Bio-retention
197	Chinese flame tree	5	No	Remove	Bio-retention
198	Chinese flame tree	3,3,3,2,2,2,2,2,1,1,1	No	Remove	Bio-retention

(**Continued**, following page)

Table 3, continued. Proposed action.
550 Brokaw Rd., San Jose, CA.

Tree No	Species	Diameter	Ordinance size?	Disposition	Comment
199	Chinese flame tree	14	Yes	Remove	Bio-retention
200	Chinese flame tree	15	Yes	Remove	Bio-retention
201	Chinese flame tree	4	No	Remove	New parking
202	Chinese flame tree	6	No	Remove	New parking
203	Chinese flame tree	4	No	Remove	New parking
204	Chinese flame tree	14	Yes	Remove	New parking
205	Chinese flame tree	14	Yes	Remove	New parking
206	Chinese flame tree	15	Yes	Remove	New parking
207	Chinese flame tree	9	No	**Preserve**	Off-site
208	Chinese flame tree	5	No	**Preserve**	Off-site
209	Chinese flame tree	16	Yes	Remove	Impacted by bldg.
210	Chinese flame tree	15	Yes	Remove	Impacted by bldg.
211	Chinese flame tree	17	Yes	Remove	Impacted by bldg.
212	Chinese flame tree	17	Yes	Remove	Impacted by bldg.
213	Chinese flame tree	17	Yes	Remove	Impacted by bldg.
214	Chinese flame tree	18	Yes	Remove	Bio-retention
215	Chinese flame tree	19	Yes	Remove	Bio-retention
216	Chinese flame tree	14	Yes	Remove	Bio-retention
217	Chinese flame tree	17	Yes	Remove	Bio-retention
218	Chinese flame tree	16	Yes	Remove	Bio-retention
219	Chinese flame tree	20	Yes	Remove	Bio-retention
220	Glossy privet	3	No	**Preserve**	Off-site
221	Chinese flame tree	7,4,4,2	No	**Preserve**	Off-site
222	Chinese flame tree	4,4,2,2	No	**Preserve**	Off-site
223	Chinese flame tree	18	Yes	Remove	Bio-retention
224	Chinese flame tree	11	No	Remove	Bio-retention
225	Chinese flame tree	6	No	Remove	New parking
226	Chinese flame tree	6	No	Remove	New parking
227	Chinese flame tree	6	No	Remove	New parking
228	Chinese flame tree	8	No	Remove	New parking
229	Chinese flame tree	7	No	Remove	New parking
230	Chinese flame tree	6	No	Remove	New parking
231	Chinese flame tree	6	No	Remove	New parking
232	Chinese flame tree	6	No	Remove	New parking
233	Chinese flame tree	6	No	Remove	Low suitability
234	Chinese flame tree	5	No	Remove	New parking
235	Chinese flame tree	3	No	Remove	Bio-retention
236	Chinese flame tree	4	No	Remove	Bio-retention
237	Chinese flame tree	11	No	Remove	Low suitability
238	Chinese flame tree	11	No	Remove	Low suitability
239	Chinese flame tree	8	No	Remove	Low suitability
240	Chinese flame tree	9	No	Remove	Low suitability
241	Chinese flame tree	6	No	Remove	Bio-retention

(**Continued**, following page)

Table 3, continued. Proposed action.
550 Brokaw Rd., San Jose, CA.

Tree No	Species	Diameter	Ordinance size?	Disposition	Comment
242	Chinese flame tree	7	No	Remove	New driveway
243	Chinese flame tree	10	No	Remove	New parking
244	Chinese flame tree	12	Yes	Remove	New parking
245	Chinese flame tree	11	No	Remove	New driveway
246	Chinese flame tree	9	No	Remove	New driveway
247	Chinese flame tree	11	No	Remove	Low suitability
248	Chinese flame tree	12	Yes	Remove	Bio-retention
249	Chinese flame tree	7	No	Remove	Bio-retention
250	Chinese flame tree	14	Yes	Remove	Bio-retention
251	Chinese flame tree	12	Yes	Remove	New driveway
252	Chinese flame tree	6	No	Remove	Building envelope
253	Chinese flame tree	11	No	Remove	New parking
254	Chinese flame tree	8	No	Remove	Building envelope
255	Chinese flame tree	6	No	Remove	Building envelope
256	Chinese flame tree	6	No	Remove	Building envelope
257	Chinese flame tree	14	Yes	Remove	Bio-retention
258	Chinese flame tree	10	No	Remove	Building envelope
259	Chinese flame tree	10	No	Remove	Building envelope
260	Chinese flame tree	9	No	Remove	Building envelope
261	Chinese flame tree	10	No	Remove	Building envelope
262	Chinese flame tree	10	No	Remove	Building envelope
263	Chinese flame tree	11	No	Remove	Building envelope
264	Queen palm	11	No	Remove	Building envelope
265	Queen palm	12	Yes	Remove	Building envelope
266	Queen palm	11	No	Remove	Building envelope
267	Queen palm	11	No	Remove	Building envelope
268	Queen palm	10	No	Remove	Building envelope
269	Queen palm	12	Yes	Remove	Building envelope
270	Queen palm	11	No	Remove	New driveway
271	Queen palm	10	No	Remove	New parking
272	Queen palm	14	Yes	Remove	New parking
273	Queen palm	12	Yes	Remove	New parking
274	Queen palm	13	Yes	Remove	New parking
275	Queen palm	11	No	Remove	New parking
276	Queen palm	10	No	Remove	New parking
277	Queen palm	11	No	Remove	New parking
278	Queen palm	11	No	Remove	New parking
279	Queen palm	13	Yes	Remove	New parking
280	Glossy privet	12,10,6	Yes	**Preserve**	Off-site
281	Glossy privet	12,9	Yes	**Preserve**	Off-site
282	Red iron bark	19,16 ,6	Yes	**Preserve**	Off-site
283	Red iron bark	20,12	Yes	**Preserve**	Off-site
284	Red iron bark	28, 13,12,6	Yes	**Preserve**	Off-site

(**Continued**, following page)

Table 3, continued. Proposed action.
550 Brokaw Rd., San Jose, CA.

Tree No	Species	Diameter	Ordinance size?	Disposition	Comment
285	Red iron bark	25	Yes	**Preserve**	Off-site
286	River red gum	16,15	Yes	**Preserve**	Off-site
287	River red gum	18	Yes	**Preserve**	Off-site
288	River red gum	14	Yes	**Preserve**	Off-site
289	Red iron bark	17	Yes	**Preserve**	Off-site
290	River red gum	15	Yes	**Preserve**	Off-site
291	Compact blue gum	24	Yes	**Preserve**	Off-site
292	Blue gum	36	Yes	**Preserve**	Off-site
293	Blue gum	36	Yes	**Preserve**	Off-site
294	Blue gum	30	Yes	**Preserve**	Off-site
295	Blue gum	36	Yes	**Preserve**	Off-site
296	Blue gum	30	Yes	**Preserve**	Off-site
297	Blue gum	38	Yes	**Preserve**	Off-site
298	Blue gum	28	Yes	**Preserve**	Off-site
299	Blue gum	48	Yes	**Preserve**	Off-site
300	River red gum	24,18	Yes	**Preserve**	Off-site
301	River red gum	40	Yes	**Preserve**	Off-site

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 to 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 inches diameter shall not be removed unless a Tree Removal Permit, or equivalent, has been approved for the removal of such trees.

Where trees had more than one trunk, the diameters of individual trunks were added together to establish the diameter class for mitigation purposes.

Table 4. Preliminary Estimated tree mitigation
550 Brokaw Rd., San Jose CA.

Diameter of tree to be removed	Number of Trees to be Removed			Replacement Trees Req'd
	Native	Non-Native	Orchard	15 gallon
12 inches or greater	0	211	0	844
6 to 11 inches	0	51	0	102
less than 6 inches	0	12	0	12
Total	**0**	**274**	**0**	**958**

Based on my evaluation of the plans and the standard replacement ratios for the City of San Jose, I calculated 958 15-gallon trees as the required replacement for the proposed removal of 274 non-native trees (Table 4).

In an effort to provide all of the information about the trees to be removed on the site and replacement requirements in one place, I prepared Table 5 (Exhibits) that includes all the information the City needs in one place.

Alternative Mitigation Measures
If there is insufficient area on the project site to accommodate the required replacement trees, one or more of the following measures shall be implemented, to the satisfaction of the Director of Planning, Building and Code Enforcement, at the development permit stage:

- The size of a 15-gallon replacement tree may be increased to 24-inch box and count as two replacement trees to be planted on the project site, at the development permit stage.
- Pay Off-Site Tree Replacement Fee(s) to the City, prior to the issuance of Public Works grading permit(s), in accordance to the City Council approved Fee Resolution. The City will use the off-site tree replacement fee(s) to plant trees at alternative sites.

Summary

Three hundred-one (301) trees representing 24 species were assessed at the 550 Brokaw Rd. site. Tree condition was generally poor (200 trees) primarily due to poor pruning. Ninety-one (91) trees were in fair condition and only 10 trees were in good condition. Among the 301 trees were 210 that met the City of San Jose's criteria as *Ordinance size*.

One hundred and eighty-six (186) of the *Ordinance Sized* trees were located on-site and 24 were located off-site.

The entire site will be re-developed. Based on my review of the plans, all 274 on-site trees would be removed including 186 on-site *Ordinance Size* trees. Mitigation for the removal of the 274 trees would include planting 958 15 gallon trees. The keys to tree retention are maintaining the **TREE PROTECTION ZONE** and providing irrigation before, during and following construction.

Tree Preservation Guidelines

The following are recommendations for design and construction phases that will assist in successful tree preservation. **Off-site trees** adjacent to walkways or other structures may incur root loss that exceeds the tree's tolerances. In addition, overhanging crowns may need to be pruned back to provide vertical clearance for equipment and/or structures. If off-site trees require pruning or removal, the client must obtain permission from the property owner for this work.

Tree Protection Zone

1. **A TREE PROTECTION ZONE** shall be identified for each tree to be preserved on the Tree Protection Plan prepared by the project arborist.
    a. Fence all trees to be retained to completely enclose the **TREE PROTECTION ZONE** prior to demolition, grubbing or grading. Fences shall be 6 ft. chain link with posts sunk into the ground or equivalent as approved by the City.
    b. Fences must be installed prior to beginning demolition and must remain until construction is complete.
    c. No grading, excavation, construction or storage or dumping of materials shall occur within the **TREE PROTECTION ZONE**.
    d. No underground services including utilities, sub-drains, water or sewer shall be placed in the **TREE PROTECTION ZONE**.
    e. Fences shall posted with signs stating, "TREE PROTECTION FENCE – DO NOT MOVE OR REMOVE WITHOUT APPROVAL FROM CITY ARBORIST".

Design recommendations

1. Establish the horizontal and vertical elevation of all trees recommended for preservation and located within 25-feet of proposed demolition and construction. Include trunk locations and tag numbers on all plans.
2. Any changes to the plans affecting the trees should be reviewed by the consulting arborist with regard to tree impacts. These include, but are not limited to, site plans, improvement plans, utility and drainage plans, grading plans, landscape and irrigation plans, and demolition plans.
3. Establish a **TREE PROTECTION ZONE** around trees to be preserved. As a general guideline, the **TREE PROTECTION ZONE** shall be the dripline of the tree.
4. Plan for tree preservation by designing adequate space around trees to be preserved. This is the **TREE PROTECTION ZONE:** No grading, excavation, construction or storage of materials should occur within that zone. Route underground services including utilities, sub-drains, water or sewer around the **TREE PROTECTION ZONE**.
5. 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.
6. Use only herbicides safe for use around trees and labeled for that use, even below pavement.
7. 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.

5. All tree work shall comply with the Migratory Bird Treaty Act as well as California Fish and Wildlife code 3503-3513 to not disturb nesting birds. To the extent feasible tree pruning and removal should be scheduled outside of the breeding season. Breeding bird surveys should be conducted prior to tree work. Qualified biologists should be involved in establishing work buffers for active nests.

6. Irrigate existing trees to be preserved.

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. All trees shall be irrigated on a schedule to be determined by the Consulting Arborist (every 3 to 6 weeks is typical). Each irrigation shall wet the soil within the **TREE PROTECTION ZONE** to a depth of 30”.

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.

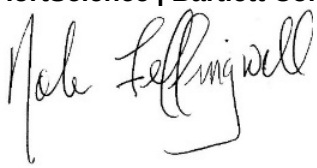
11. Trees that accumulate a sufficient quantity of dust on their leaves, limbs and trunk as judged by the Consulting Arborist shall be spray-washed at the direction of the Project Arborist.

Maintenance of impacted trees
Preserved trees will experience a physical environment different from that pre-development. As a result, tree health and structural stability should be monitored. Occasional pruning, fertilization, mulch, pest management, replanting and irrigation may be required. In addition, provisions for monitoring both tree health and structural stability following construction must be made a priority. Inspect trees annually and following major storms to identify conditions requiring treatment to manage risk associated with tree failure.

Our procedures included assessing trees for observable defects in structure. This is not to say that trees without significant defects will not fail. Failure of apparently defect-free trees does occur, especially during storm events. Wind forces, for example, can exceed the strength of defect-free wood causing branches and trunks to break. Wind forces coupled with rain can saturate soils, reducing their ability to hold roots, and blow over defect-free trees. Although we cannot predict all failures, identifying those trees with observable defects is a critical component of enhancing public safety.

Furthermore, trees change over time. Our inspections represent the condition of the tree at the time of inspection. As trees age, the likelihood of failure of branches or entire trees increases. Annual tree inspections are recommended to identify changes to tree health and structure. In addition, trees should be inspected after storms of unusual severity to evaluate damage and structural changes. Initiating these inspections is the responsibility of the client and/or tree owner.

HortScience | Bartlett Consulting



John Leffingwell
Board Certified Master Arborist WE-3966B
Registered Consulting Arborist #442

Exhibits

Table 5: Tree Removal and Replacement Requirements

Tree Assessment Form

Tree Assessment Plan

Table 5: Tree Removal and Replacement Requirements
550 Brokaw Rd., San Jose

Tree #	Trunk Diameter (in.)	Circumf. (in.)	Ordinance-sized?	Species	Disposition	Native/ Non-native	Replacement ratio	# of replacement trees
1	27	84.78	Yes	River red gum	Remove	Non-native	4:1	4 15-gallon
2	21	65.94	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon
3	23	72.22	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon
4	22	69.08	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon
5	16	50.24	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon
6	17	53.38	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon
7	17	53.38	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon
8	15	47.1	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon
9	17	53.38	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon
10	18	56.52	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon
11	15	47.1	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon
12	14	43.96	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon
13	12	37.68	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon
14	15	47.1	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon
15	12	37.68	Yes	Chinese elm	Remove	Non-native	4:1	4 15-gallon
16	13	40.82	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon
17	14	43.96	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon
18	14	43.96	Yes	Chinese elm	Remove	Non-native	4:1	4 15-gallon
19	14	43.96	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon
20	14	43.96	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon
21	14	43.96	Yes	Chinese elm	Remove	Non-native	4:1	4 15-gallon
22	16	50.24	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon
23	11	34.54	No	Glossy privet	Remove	Non-native	4:1	4 15-gallon
24	15	47.1	Yes	Chinese elm	Remove	Non-native	4:1	4 15-gallon
25	13	40.82	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon
26	14	43.96	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon
27	9	28.26	No	Glossy privet	Remove	Non-native	2:1	2 15-gallon
28	8	25.12	No	Chinese flame tree	Remove	Non-native	2:1	2 15-gallon
29	8	25.12	No	Chinese flame tree	Remove	Non-native	2:1	2 15-gallon
30	6	18.84	No	Chinese flame tree	Remove	Non-native	2:1	2 15-gallon

(**Continued, following page**)

Table 5, continued: Tree Removal and Replacement Requirements
550 Brokaw Rd., San Jose

Tree #	Trunk Diameter (in.)	Circumf. (in.)	Ordinance-sized?	Species	Disposition	Native/ Non-native	Replacement ratio	# of replacement trees
31	5	15.7	No	Chinese flame tree	Remove	Non-native	1:1	1 15-gallon
32	5	15.7	No	Chinese flame tree	Remove	Non-native	1:1	1 15-gallon
33	11	34.54	No	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
34	11	34.54	No	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
35	13	40.82	Yes	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
36	13	40.82	Yes	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
37	11	34.54	No	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
38	11	34.54	No	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
39	15	47.1	Yes	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
40	13	40.82	Yes	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
41	12	37.68	Yes	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
42	14	43.96	Yes	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
43	14	43.96	Yes	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
44	15	47.1	Yes	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
45	15	47.1	Yes	Chinese elm	Remove	Non-native	4:1	4 15-gallon
46	15	47.1	Yes	Chinese elm	Remove	Non-native	4:1	4 15-gallon
47	13	40.82	Yes	Chinese elm	Remove	Non-native	4:1	4 15-gallon
48	13	40.82	Yes	Chinese elm	Remove	Non-native	4:1	4 15-gallon
49	11	34.54	No	Chinese elm	Remove	Non-native	4:1	4 15-gallon
50	11	34.54	No	Chinese elm	Remove	Non-native	4:1	4 15-gallon
51	12	37.68	Yes	Chinese elm	Remove	Non-native	4:1	4 15-gallon
52	13	40.82	Yes	Chinese elm	Remove	Non-native	4:1	4 15-gallon
53	12	37.68	Yes	Chinese elm	Remove	Non-native	4:1	4 15-gallon
54	24	75.36	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon
55	6	18.84	No	Chinese elm	Remove	Non-native	2:1	2 15-gallon
56	24	75.36	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon
57	11	34.54	No	Chinese elm	Remove	Non-native	4:1	4 15-gallon
58	14	43.96	Yes	Chinese elm	Remove	Non-native	4:1	4 15-gallon
59	19,16,15,13,8	222.94	Yes	River red gum	Remove	Non-native	4:1	4 15-gallon
60	8	25.12	No	River red gum	Remove	Non-native	2:1	2 15-gallon

(**Continued, following page**)

Table 5, continued: Tree Removal and Replacement Requirements
550 Brokaw Rd., San Jose

Tree #	Trunk Diameter (in.)	Circumf. (in.)	Ordinance-sized?	Species	Disposition	Native/ Non-native	Replacement ratio	# of replacement trees
61	15,14,11,11,8	185.26	Yes	River red gum	Remove	Non-native	4:1	4 15-gallon
62	20	62.8	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon
63	17	53.38	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon
64	13	40.82	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon
65	15	47.1	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon
66	20	62.8	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon
67	14	43.96	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon
68	33	103.62	Yes	River red gum	Remove	Non-native	4:1	4 15-gallon
69	27	84.78	Yes	River red gum	Remove	Non-native	4:1	4 15-gallon
70	16	50.24	Yes	River red gum	Remove	Non-native	4:1	4 15-gallon
71	14	43.96	Yes	River red gum	Remove	Non-native	4:1	4 15-gallon
72	22	69.08	Yes	River red gum	Remove	Non-native	4:1	4 15-gallon
73	20	62.8	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon
74	16	50.24	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon
75	16	50.24	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon
76	20	62.8	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon
77	22	69.08	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon
78	6,5	34.54	No	Evergreen ash	Remove	Non-native	2:1	2 15-gallon
79	13	40.82	Yes	London plane	Remove	Non-native	4:1	4 15-gallon
80	21	65.94	Yes	Deodar cedar	Remove	Non-native	4:1	4 15-gallon
81	10,10,6	81.64	Yes	Myoporum	Remove	Non-native	4:1	4 15-gallon
82	22	69.08	Yes	Mexican fan palm	Remove	Non-native	4:1	4 15-gallon
83	34	106.76	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon
84	17	53.38	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon
85	23	72.22	Yes	Sawleaf zelkova	Remove	Non-native	4:1	4 15-gallon
86	8	25.12	No	Evergreen pear	Remove	Non-native	2:1	2 15-gallon
87	14	43.96	Yes	Evergreen pear	Remove	Non-native	4:1	4 15-gallon
88	15	47.1	Yes	Evergreen pear	Remove	Non-native	4:1	4 15-gallon
89	17	53.38	Yes	Evergreen pear	Remove	Non-native	4:1	4 15-gallon
90	11	34.54	No	Evergreen pear	Remove	Non-native	4:1	4 15-gallon
91	30	94.2	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon

(**Continued, following page**)

Table 5, continued: Tree Removal and Replacement Requirements
550 Brokaw Rd., San Jose

Tree #	Trunk Diameter (in.)	Circumf. (in.)	Ordinance-sized?	Species	Disposition	Native/ Non-native	Replacement ratio	# of replacement trees
92	17	53.38	Yes	Evergreen pear	Remove	Non-native	4:1	4 15-gallon
93	8	25.12	No	Sweet bay	Remove	Non-native	2:1	2 15-gallon
94	6	18.84	No	Holly oak	Remove	Non-native	2:1	2 15-gallon
95	8	25.12	No	Sweet bay	Remove	Non-native	2:1	2 15-gallon
96	14	43.96	Yes	Saratoga Bay laurel	Remove	Non-native	4:1	4 15-gallon
97	4	12.56	No	Holly oak	Remove	Non-native	1:1	1 15-gallon
98	9	28.26	No	Saratoga Bay laurel	Remove	Non-native	2:1	2 15-gallon
99	10	31.4	No	Saratoga Bay laurel	Remove	Non-native	2:1	2 15-gallon
100	7	21.98	No	Saratoga Bay laurel	Remove	Non-native	2:1	2 15-gallon
101	19	59.66	Yes	Evergreen pear	Remove	Non-native	4:1	4 15-gallon
102	27	84.78	Yes	Deodar cedar	Remove	Non-native	4:1	4 15-gallon
103	14	43.96	Yes	Evergreen pear	Remove	Non-native	4:1	4 15-gallon
104	13	40.82	Yes	Evergreen pear	Remove	Non-native	4:1	4 15-gallon
105	14	43.96	Yes	Evergreen pear	Remove	Non-native	4:1	4 15-gallon
106	10	31.4	No	Evergreen pear	Remove	Non-native	2:1	2 15-gallon
107	15	47.1	Yes	Evergreen pear	Remove	Non-native	4:1	4 15-gallon
108	16	50.24	Yes	Evergreen pear	Remove	Non-native	4:1	4 15-gallon
109	54	169.56	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon
110	32	100.48	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon
111	29,28,26	260.62	Yes	Willow sp.	Remove	Non-native	4:1	4 15-gallon
112	27	84.78	Yes	Monterey pine	Remove	Non-native	4:1	4 15-gallon
113	33	103.62	Yes	Monterey pine	Remove	Non-native	4:1	4 15-gallon
114	23	72.22	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon
115	22	69.08	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon
116	21	65.94	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon
117	32	100.48	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon
118	15	47.1	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon
119	26,18	138.16	Yes	Monterey pine	Remove	Non-native	4:1	4 15-gallon

(**Continued, following page**)

Table 5, continued: Tree Removal and Replacement Requirements
550 Brokaw Rd., San Jose

Tree #	Trunk Diameter (in.)	Circumf. (in.)	Ordinance-sized?	Species	Disposition	Native/ Non-native	Replacement ratio	# of replacement trees
120	19	59.66	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon
121	15	47.1	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon
122	26	81.64	Yes	Mexican fan palm	Remove	Non-native	4:1	4 15-gallon
123	30	94.2	Yes	River red gum	Remove	Non-native	4:1	4 15-gallon
124	20	62.8	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon
125	17	53.38	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon
126	17	53.38	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon
127	19	59.66	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon
128	17	53.38	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon
129	16	50.24	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon
130	16	50.24	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon
131	20	62.8	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon
132	18	56.52	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon
133	23	72.22	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon
134	28	87.92	Yes	River red gum	Remove	Non-native	4:1	4 15-gallon
135	16	50.24	Yes	Sweet bay	Remove	Non-native	4:1	4 15-gallon
136	16	50.24	Yes	Sweet bay	Remove	Non-native	4:1	4 15-gallon
137	15	47.1	Yes	Sweet bay	Remove	Non-native	4:1	4 15-gallon
138	9	28.26	No	Sweet bay	Remove	Non-native	2:1	2 15-gallon
139	13	40.82	Yes	Sweet bay	Remove	Non-native	4:1	4 15-gallon
140	14	43.96	Yes	Sweet bay	Remove	Non-native	4:1	4 15-gallon
141	12	37.68	Yes	Sweet bay	Remove	Non-native	4:1	4 15-gallon
142	16	50.24	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon
143	16	50.24	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon
144	16	50.24	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon
145	16	50.24	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon
146	17	53.38	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon
147	18	56.52	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon
148	16	50.24	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon
149	17	53.38	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon
150	16	50.24	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon

(**Continued, following page**)

Table 5, continued: Tree Removal and Replacement Requirements
550 Brokaw Rd., San Jose

Tree #	Trunk Diameter (in.)	Circumf. (in.)	Ordinance-sized?	Species	Disposition	Native/ Non-native	Replacement ratio	# of replacement trees
151	20	62.8	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon
152	20	62.8	Yes	River red gum	Remove	Non-native	4:1	4 15-gallon
153	20	62.8	Yes	River red gum	Remove	Non-native	4:1	4 15-gallon
154	34	106.76	Yes	River red gum	Remove	Non-native	4:1	4 15-gallon
155	17	53.38	Yes	Glossy privet	Remove	Non-native	4:1	4 15-gallon
156	11,10 9	94.2	Yes	Strawberry tree	Remove	Non-native	4:1	4 15-gallon
157	17	53.38	Yes	River red gum	Remove	Non-native	4:1	4 15-gallon
158	24	75.36	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon
159	24	75.36	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon
160	26	81.64	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon
161	27	84.78	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon
162	27	84.78	Yes	Monkey puzzle	Remove	Non-native	4:1	4 15-gallon
163	51	160.14	Yes	Monkey puzzle	Remove	Non-native	4:1	4 15-gallon
164	7,5	37.68	No	Fig	Remove	Non-native	4:1	4 15-gallon
165	25	78.5	Yes	Deodar cedar	Remove	Non-native	4:1	4 15-gallon
166	30	94.2	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon
167	27	84.78	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon
168	28	87.92	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon
169	18	56.52	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon
170	15	47.1	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon
171	22	69.08	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon
172	14	43.96	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon
173	18	56.52	Yes	Mexican fan palm	Remove	Non-native	4:1	4 15-gallon
174	19	59.66	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon
175	20,15	109.9	Yes	Siberian elm	Remove	Non-native	4:1	4 15-gallon
176	16	50.24	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon
177	24	75.36	Yes	Mexican fan palm	Remove	Non-native	4:1	4 15-gallon
178	22	69.08	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon
179	5	15.7	No	Chinese elm	Remove	Non-native	1:1	1 15-gallon
180	10	31.4	No	Chinese elm	Remove	Non-native	2:1	2 15-gallon
181	31	97.34	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon

(**Continued, following page**)

Table 5, continued: Tree Removal and Replacement Requirements
550 Brokaw Rd., San Jose

Tree #	Trunk Diameter (in.)	Circumf. (in.)	Ordinance-sized?	Species	Disposition	Native/ Non-native	Replacement ratio	# of replacement trees
182	11	34.54	No	Evergreen ash	Remove	Non-native	4:1	4 15-gallon
183	4	12.56	No	Chinese elm	Remove	Non-native	1:1	1 15-gallon
184	26	81.64	Yes	Evergreen ash	Remove	Non-native	4:1	4 15-gallon
185	10	31.4	No	Chinese elm	Remove	Non-native	2:1	2 15-gallon
186	9	28.26	No	Chinese elm	Remove	Non-native	2:1	2 15-gallon
187	11	34.54	No	Chinese elm	Remove	Non-native	4:1	4 15-gallon
188	9	28.26	No	Chinese flame tree	Remove	Non-native	2:1	2 15-gallon
189	10	31.4	No	Chinese flame tree	Remove	Non-native	2:1	2 15-gallon
190	10	31.4	No	Chinese flame tree	Remove	Non-native	2:1	2 15-gallon
191	13	40.82	Yes	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
192	13	40.82	Yes	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
193	1,1,1,1	12.56	No	Chinese flame tree	Remove	Non-native	1:1	1 15-gallon
194	12	37.68	Yes	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
195	13	40.82	Yes	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
196	14	43.96	Yes	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
197	5	15.7	No	Chinese flame tree	Remove	Non-native	1:1	1 15-gallon
198	3,3,3,2,2,2,2,2,2,1,1,1	75.36	No	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
199	14	43.96	Yes	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
200	15	47.1	Yes	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
201	4	12.56	No	Chinese flame tree	Remove	Non-native	1:1	1 15-gallon
202	6	18.84	No	Chinese flame tree	Remove	Non-native	2:1	2 15-gallon
203	4	12.56	No	Chinese flame tree	Remove	Non-native	1:1	1 15-gallon
204	14	43.96	Yes	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
205	14	43.96	Yes	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
206	15	47.1	Yes	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
207	9	28.26	No	Chinese flame tree	**Preserve**	Non-native	N/A	N/A
208	5	15.7	No	Chinese flame tree	**Preserve**	Non-native	N/A	N/A
209	16	50.24	Yes	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
210	15	47.1	Yes	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
211	17	53.38	Yes	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
212	17	53.38	Yes	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon

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Table 5, continued: Tree Removal and Replacement Requirements
550 Brokaw Rd., San Jose

Tree #	Trunk Diameter (in.)	Circumf. (in.)	Ordinance-sized?	Species	Disposition	Native/ Non-native	Replacement ratio	# of replacement trees
213	17	53.38	Yes	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
214	18	56.52	Yes	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
215	19	59.66	Yes	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
216	14	43.96	Yes	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
217	17	53.38	Yes	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
218	16	50.24	Yes	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
219	20	62.8	Yes	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
220	3	9.42	No	Glossy privet	**Preserve**	Non-native	N/A	N/A
221	7,4,4,2	53.38	No	Chinese flame tree	**Preserve**	Non-native	N/A	N/A
222	4,4,2,2	37.68	No	Chinese flame tree	**Preserve**	Non-native	N/A	N/A
223	18	56.52	Yes	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
224	11	34.54	No	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
225	6	18.84	No	Chinese flame tree	Remove	Non-native	2:1	2 15-gallon
226	6	18.84	No	Chinese flame tree	Remove	Non-native	2:1	2 15-gallon
227	6	18.84	No	Chinese flame tree	Remove	Non-native	2:1	2 15-gallon
228	8	25.12	No	Chinese flame tree	Remove	Non-native	2:1	2 15-gallon
229	7	21.98	No	Chinese flame tree	Remove	Non-native	2:1	2 15-gallon
230	6	18.84	No	Chinese flame tree	Remove	Non-native	2:1	2 15-gallon
231	6	18.84	No	Chinese flame tree	Remove	Non-native	2:1	2 15-gallon
232	6	18.84	No	Chinese flame tree	Remove	Non-native	2:1	2 15-gallon
233	6	18.84	No	Chinese flame tree	Remove	Non-native	2:1	2 15-gallon
234	5	15.7	No	Chinese flame tree	Remove	Non-native	1:1	1 15-gallon
235	3	9.42	No	Chinese flame tree	Remove	Non-native	1:1	1 15-gallon
236	4	12.56	No	Chinese flame tree	Remove	Non-native	1:1	1 15-gallon
237	11	34.54	No	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
238	11	34.54	No	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
239	8	25.12	No	Chinese flame tree	Remove	Non-native	2:1	2 15-gallon
240	9	28.26	No	Chinese flame tree	Remove	Non-native	2:1	2 15-gallon
241	6	18.84	No	Chinese flame tree	Remove	Non-native	2:1	2 15-gallon
242	7	21.98	No	Chinese flame tree	Remove	Non-native	2:1	2 15-gallon
243	10	31.4	No	Chinese flame tree	Remove	Non-native	2:1	2 15-gallon

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Table 5, continued: Tree Removal and Replacement Requirements
550 Brokaw Rd., San Jose

Tree #	Trunk Diameter (in.)	Circumf. (in.)	Ordinance-sized?	Species	Disposition	Native/ Non-native	Replacement ratio	# of replacement trees
244	12	37.68	Yes	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
245	11	34.54	No	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
246	9	28.26	No	Chinese flame tree	Remove	Non-native	2:1	2 15-gallon
247	11	34.54	No	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
248	12	37.68	Yes	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
249	7	21.98	No	Chinese flame tree	Remove	Non-native	2:1	2 15-gallon
250	14	43.96	Yes	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
251	12	37.68	Yes	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
252	6	18.84	No	Chinese flame tree	Remove	Non-native	2:1	2 15-gallon
253	11	34.54	No	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
254	8	25.12	No	Chinese flame tree	Remove	Non-native	2:1	2 15-gallon
255	6	18.84	No	Chinese flame tree	Remove	Non-native	2:1	2 15-gallon
256	6	18.84	No	Chinese flame tree	Remove	Non-native	2:1	2 15-gallon
257	14	43.96	Yes	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
258	10	31.4	No	Chinese flame tree	Remove	Non-native	2:1	2 15-gallon
259	10	31.4	No	Chinese flame tree	Remove	Non-native	2:1	2 15-gallon
260	9	28.26	No	Chinese flame tree	Remove	Non-native	2:1	2 15-gallon
261	10	31.4	No	Chinese flame tree	Remove	Non-native	2:1	2 15-gallon
262	10	31.4	No	Chinese flame tree	Remove	Non-native	2:1	2 15-gallon
263	11	34.54	No	Chinese flame tree	Remove	Non-native	4:1	4 15-gallon
264	11	34.54	No	Queen palm	Remove	Non-native	4:1	4 15-gallon
265	12	37.68	Yes	Queen palm	Remove	Non-native	4:1	4 15-gallon
266	11	34.54	No	Queen palm	Remove	Non-native	4:1	4 15-gallon
267	11	34.54	No	Queen palm	Remove	Non-native	4:1	4 15-gallon
268	10	31.4	No	Queen palm	Remove	Non-native	2:1	2 15-gallon
269	12	37.68	Yes	Queen palm	Remove	Non-native	4:1	4 15-gallon
270	11	34.54	No	Queen palm	Remove	Non-native	4:1	4 15-gallon
271	10	31.4	No	Queen palm	Remove	Non-native	2:1	2 15-gallon
272	14	43.96	Yes	Queen palm	Remove	Non-native	4:1	4 15-gallon
273	12	37.68	Yes	Queen palm	Remove	Non-native	4:1	4 15-gallon
274	13	40.82	Yes	Queen palm	Remove	Non-native	4:1	4 15-gallon

(**Continued, following page**)

Table 5, continued: Tree Removal and Replacement Requirements
550 Brokaw Rd., San Jose

Tree #	Trunk Diameter (in.)	Circumf. (in.)	Ordinance-sized?	Species	Disposition	Native/ Non-native	Replacement ratio	# of replacement trees
275	11	34.54	No	Queen palm	Remove	Non-native	4:1	4 15-gallon
276	10	31.4	No	Queen palm	Remove	Non-native	2:1	2 15-gallon
277	11	34.54	No	Queen palm	Remove	Non-native	4:1	4 15-gallon
278	11	34.54	No	Queen palm	Remove	Non-native	4:1	4 15-gallon
279	13	40.82	Yes	Queen palm	Remove	Non-native	4:1	4 15-gallon
280	12,10,6	87.92	Yes	Glossy privet	**Preserve**	Non-native	N/A	N/A
281	12,9	65.94	Yes	Glossy privet	**Preserve**	Non-native	N/A	N/A
282	19,16 ,6	53.84	Yes	Red iron bark	**Preserve**	Non-native	N/A	N/A
283	20,12	100.48	Yes	Red iron bark	**Preserve**	Non-native	N/A	N/A
284	28, 13,12,6	185.26	Yes	Red iron bark	**Preserve**	Non-native	N/A	N/A
285	25	78.5	Yes	Red iron bark	**Preserve**	Non-native	N/A	N/A
286	16,15	97.34	Yes	River red gum	**Preserve**	Non-native	N/A	N/A
287	18	56.52	Yes	River red gum	**Preserve**	Non-native	N/A	N/A
288	14	43.96	Yes	River red gum	**Preserve**	Non-native	N/A	N/A
289	17	53.38	Yes	Red iron bark	**Preserve**	Non-native	N/A	N/A
290	15	47.1	Yes	River red gum	**Preserve**	Non-native	N/A	N/A
291	24	75.36	Yes	Compact blue gum	**Preserve**	Non-native	N/A	N/A
292	36	113.04	Yes	Blue gum	**Preserve**	Non-native	N/A	N/A
293	36	113.04	Yes	Blue gum	**Preserve**	Non-native	N/A	N/A
294	30	94.2	Yes	Blue gum	**Preserve**	Non-native	N/A	N/A
295	36	113.04	Yes	Blue gum	**Preserve**	Non-native	N/A	N/A
296	30	94.2	Yes	Blue gum	**Preserve**	Non-native	N/A	N/A
297	38	119.32	Yes	Blue gum	**Preserve**	Non-native	N/A	N/A
298	28	87.92	Yes	Blue gum	**Preserve**	Non-native	N/A	N/A
299	48	150.72	Yes	Blue gum	**Preserve**	Non-native	N/A	N/A
300	24,18	131.88	Yes	River red gum	**Preserve**	Non-native	N/A	N/A
301	40	125.6	Yes	River red gum	**Preserve**	Non-native	N/A	N/A

Tree Assessment

550 Brokaw Road
San Jose, CA
July 1, 2020

HORT SCIENCE
BARTLETT CONSULTING

Tree No.	Species	Trunk Diameter (in.)	Ordinance size?	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
1	River red gum	27	Yes	2	Low	Multiple trunks arise from 8'; topped; narrow parking lot plant.
2	Glossy privet	21	Yes	2	Low	Multiple trunks arise from 5'; topped; sidewalk 3' N.
3	Glossy privet	23	Yes	2	Low	Multiple trunks arise from 6'; topped; sidewalk 3' N.
4	Glossy privet	22	Yes	2	Low	Multiple trunks arise from 5'; topped; sidewalk 4' E.
5	Glossy privet	16	Yes	2	Low	Multiple trunks arise from 5'; topped; sidewalk 4' E.
6	Glossy privet	17	Yes	2	Low	Multiple trunks arise from 5'; history of branch failure N under attachment; topped; sidewalk 4' E.
7	Glossy privet	17	Yes	2	Low	Multiple trunks arise from 5'; topped; sidewalk 4' E.
8	Glossy privet	15	Yes	2	Low	Multiple trunks arise from 5'; topped; sidewalk 4' E.
9	Glossy privet	17	Yes	2	Low	Multiple trunks arise from 5'; topped; sidewalk 4' E.
10	Glossy privet	18	Yes	2	Low	Multiple trunks arise from 5'; topped; sidewalk 4' E.
11	Glossy privet	15	Yes	2	Low	Multiple trunks arise from 5'; topped; fused stems N; sidewalk 4' E.
12	Glossy privet	14	Yes	2	Low	Multiple trunks arise from 5'; topped; sidewalk 4' E.
13	Glossy privet	12	Yes	1	Low	Multiple trunks arise from 5'; topped; poor form and structure; sidewalk 4' E.
14	Glossy privet	15	Yes	2	Low	Codominant trunks arise from5'; buried base; topped; 4' N of monument sign; sidewalk 4' E.
15	Chinese elm	12	Yes	2	Low	Multiple trunks arise from 5'; topped; epicormic growth; leans E; sidewalk 4' to E.
16	Glossy privet	13	Yes	2	Low	Codominant trunks arise from 4' buried base; topped; sidewalk 4' to E.
17	Glossy privet	14	Yes	2	Low	Codominant trunks arise from 4' buried base; topped; sidewalk 4' to E.
18	Chinese elm	14	Yes	2	Low	Multiple trunks arise from 5'; topped; epicormic growth; self correcting lean; sidewalk 4' to E.
19	Glossy privet	14	Yes	2	Low	Codominant trunks arise from 4'; decay under attachments; buried base; topped; sidewalk 4' to E.
20	Glossy privet	14	Yes	2	Low	Multiple trunks arise from 4'; buried base; topped; sidewalk 4' to E.

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Tree No.	Species	Trunk Diameter (in.)	Ordinance size?	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
21	Chinese elm	14	Yes	2	Low	Codominant trunks arise from7'; topped; epicormic growth; self correcting lean; sidewalk 4' to E.
22	Glossy privet	16	Yes	2	Low	Multiple trunks arise from 6'; buried base; topped; sidewalk 4' to E.
23	Glossy privet	11	No	3	Moderate	Multiple trunks arise from 6'; epicormic growth; sidewalk 4' to E.
24	Chinese elm	15	Yes	2	Low	Codominant trunks arise from 6'; topped; epicormic growth; self correcting lean; sidewalk 4' to E.
25	Glossy privet	13	Yes	2	Low	Codominant trunks arise from 4'; topped; wound on trunk @ 3' N; epicormic growth; 6' S of monument sign; sidewalk 4' to E.
26	Glossy privet	14	Yes	2	Low	Codominant trunks arise from 6; topped; sidewalk 4' to E.
27	Glossy privet	9	No	2	Low	Codominant trunks arise from 5'; topped; buried base; sidewalk 4' to E.
28	Chinese flame tree	8	No	3	Moderate	Multiple trunks arise from 6'; history of branch failure N; 2' S of curb; crack in curb.
29	Chinese flame tree	8	No	3	Moderate	Codominant trunks arise from 6'; tall narrow crown; 3' S of curb.
30	Chinese flame tree	6	No	3	Moderate	Codominant trunks arise from 6'; bark checking on N; wound @2' E; 3' S of curb.
31	Chinese flame tree	5	No		Low	Multiple trunks arise from 6'; included bark; bark checking; 3' S of curb; lamp 3' to E.
32	Chinese flame tree	5	No	2	Low	Codominant trunks arise from 6'; pruning wound @ 6' S at attachments; 3' S of curb.
33	Chinese flame tree	11	No	2	Low	Multiple trunks arise from 7'; bark checking N; topped; 3' S of curb.
34	Chinese flame tree	11	No	2	Low	Codominant trunks arise from 7'; topped; 4' W of lamp; 2' S of curb.
35	Chinese flame tree	13	Yes	2	Low	Multiple trunks arise from 4'; included bark; fused branches; topped; 2' S of curb.
36	Chinese flame tree	13	Yes	3	Moderate	Multiple trunks arise from 7'; branches wounded N; corrective pruning; 1' S of curb; cracked curb.
37	Chinese flame tree	11	No	3	Moderate	Multiple trunks arise from 8'; corrective pruning; 2' S of curb; lamp 4' E.
38	Chinese flame tree	11	No	3	Moderate	Codominant trunks arise from8'; corrective pruning; pruning wound @ 6'; 2' S of curb.

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Tree No.	Species	Trunk Diameter (in.)	Ordinance size?	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
39	Chinese flame tree	15	Yes	2	Low	Multiple trunks arise from 8’; fused branching; 2’ S of curb.
40	Chinese flame tree	13	Yes	3	Moderate	Multiple trunks arise from 8’; corrective pruning; pruning wound @ 7’ W; 2’ S of curb.
41	Chinese flame tree	12	Yes	3	Moderate	Multiple trunks arise from 8’; corrective pruning; 2’ S of curb.
42	Chinese flame tree	14	Yes	3	Moderate	Multiple trunks arise from 7’; corrective pruning; 1’ S of curb.
43	Chinese flame tree	14	Yes	3	Moderate	Codominant trunks arise from 7’; history of branch failure on E stem @ 8’; corrective pruning; 1’ S of curb.
44	Chinese flame tree	15	Yes	3	Moderate	Codominant trunks arise from 7’; corrective pruning; spilling over curb to W; curb 1’ to E; curb 1’ N.
45	Chinese elm	15	Yes	2	Low	Multiple trunks arise from 10’; topped; multiple pruning wounds on trunk; buried base; leans W; parking lot planter.
46	Chinese elm	15	Yes	2	Low	Codominant trunks arise from 5’; topped; epicormic growth ; multiple parking lot planter 5’ wide.
47	Chinese elm	13	Yes	2	Low	Codominant trunks arise from 6’; self correcting lean; topped; epicormic growth ; multiple parking lot planter 5’ wide.
48	Chinese elm	13	Yes	2	Low	Codominant trunks arise from 7’; topped; epicormic growth ; multiple parking lot planter 5’ wide.
49	Chinese elm	11	No	2	Low	Multiple trunks arise from 7’; topped; epicormic growth ; multiple parking lot planter 5’ wide.
50	Chinese elm	11	No	2	Low	Codominant trunks arise from 7’; topped; self correcting lean; epicormic growth ; multiple parking lot planter 5’ wide.
51	Chinese elm	12	Yes	2	Low	Multiple trunks arise from 6’; topped; epicormic growth ; multiple parking lot planter.
52	Chinese elm	13	Yes	1	Low	Multiple trunks arise from 8’; leans W; topped; history of branch failure S; epicormic growth; 4’ wide parking lot planter.
53	Chinese elm	12	Yes	2	Low	Multiple trunks arise from 8’; topped; poor form and structure; epicormic growth; parking lot planter.
54	Evergreen ash	24	Yes	2	Low	Multiple trunks arise from 8’; topped; flat trunk; displaced curb.

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Tree No.	Species	Trunk Diameter (in.)	Ordinance size?	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
55	Chinese elm	6	No	2	Low	Codominant trunks arise from 7'; topped; poor form and structure; epicormic growth; 4' wide parking lot planter.
56	Evergreen ash	24	Yes	2	Low	Multiple trunks arise from 8'; topped; epicormic growth; displaced curb.
57	Chinese elm	11	No	2	Low	Codominant trunks arise from 10'; topped; multiple pruning wounds on trunk; epicormic growth; 4' wide parking lot planter.
58	Chinese elm	14	Yes	2	Low	Codominant trunks arise from 6'; topped; epicormic growth; displaced curb; parking lot planter.
59	River red gum	19,16,15,13,8	Yes	2	Low	Multiple trunks arise from base topped; bark checking; epicormic growth; parking lot plant.
60	River red gum	8	No	2	Low	Codominant trunks arise from 9'; topped; leans W; epicormic growth; parking lot plant.
61	River red gum	15,14,11,11,8	Yes	2	Low	Multiple trunks arise from base topped; bark checking; epicormic growth; parking lot plant.
62	Evergreen ash	20	Yes	2	Low	Multiple trunks arise from 7'; topped; girdled by irrigation tube on E; epicormic growth; displaced curb.
63	Evergreen ash	17	Yes	2	Low	Codominant trunks arise from7'; topped; epicormic growth; cracked curb; lamp 2' to N.
64	Evergreen ash	13	Yes	2	Low	Codominant trunks arise from 7'; topped; epicormic growth; cracked curb.
65	Evergreen ash	15	Yes	2	Low	Multiple trunks arise from 7'; topped; epicormic growth; cracked curb.
66	Evergreen ash	20	Yes	2	Low	Multiple trunks arise from 7'; topped; epicormic growth; displaced curb.
67	Evergreen ash	14	Yes	2	Low	Multiple trunks arise from 6'; topped; epicormic growth; cracked curb.
68	River red gum	33	Yes	2	Low	Codominant trunks arise from 8'; topped; epicormic growth; narrow parking lot plant; cracked curb.
69	River red gum	27	Yes	2	Low	Multiple trunks arise from 9'; topped; epicormic growth; narrow parking lot plant; cracked curb.
70	River red gum	16	Yes	2	Low	Multiple trunks arise from 7'; topped; epicormic growth; parking lot plant; cracked curb.

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Tree No.	Species	Trunk Diameter (in.)	Ordinance size?	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
71	River red gum	14	Yes	2	Low	Codominant trunks arise from 7'; topped; epicormic growth; narrow parking lot planter; displaced curb.
72	River red gum	22	Yes	2	Low	Multiple trunks arise from 9'; topped; epicormic growth; narrow parking lot planter; cracked curb.
73	Evergreen ash	20	Yes	2	Low	Codominant trunks arise from 6'; topped; epicormic growth; cracked curb; parking lot planter 6' wide.
74	Evergreen ash	16	Yes	2	Low	Multiple trunks arise from 10'; topped; epicormic growth; displaced curb; parking lot planter 6' wide.
75	Evergreen ash	16	Yes	2	Low	Codominant trunks arise from 8'; topped; epicormic growth; displaced curb; parking lot planter 6' wide.
76	Evergreen ash	20	Yes	2	Low	Codominant trunks arise from 8'; topped; epicormic growth; displaced curb; parking lot planter 6' wide.
77	Evergreen ash	22	Yes	2	Low	Multiple trunks arise from 7'; included bark; topped; epicormic growth; displaced curb; parking lot planter 6' wide.
78	Evergreen ash	6,5	No	2	Low	Codominant trunks arise from base; buried base; topped; epicormic growth; parking lot planter 6' wide.
79	London plane	13	Yes	2	Low	Multiple trunks arise from 5'; buried base; topped.
80	Deodar cedar	21	Yes	2	Low	Leans S; topped.
81	Myoporum	10,10,6	Yes	2	Low	Multiple trunks arise from base; epicormic growth.
82	Mexican fan palm	22	Yes	3	Moderate	25' brown trunk.
83	Evergreen ash	34	Yes	2	Low	Multiple trunks arise from 8'; topped; large surface root S; lifting sidewalk to W; 5' W of bldg.
84	Evergreen ash	17	Yes	2	Low	Multiple trunks arise from 8'; topped; flat trunk; epicormic growth; lifting sidewalk to W; cracked sidewalk N; 5' W of bldg.
85	Sawleaf zelkova	23	Yes	2	Low	Multiple trunks arise from 5'; topped; canopy leans W away from bldg.; lamp 6' to E.
86	Evergreen pear	8	No	3	Moderate	Codon 7'; slight lean W.
87	Evergreen pear	14	Yes	2	Low	Codon 6'; poor form and structure; surface roots W; leans S.

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Tree No.	Species	Trunk Diameter (in.)	Ordinance size?	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
88	Evergreen pear	15	Yes	3	Moderate	Multiple trunks arise from 7'; surface roots W; twig dieback.
89	Evergreen pear	17	Yes	3	Moderate	Codominant trunks arise from 7'; surface roots; twig dieback.
90	Evergreen pear	11	No	3	Moderate	Codominant trunks arise from 5'; self correcting lean; surface roots to N.
91	Evergreen ash	30	Yes	4	High	Codominant trunks arise from 15'; S stem touching bldg.; canopy extends over bldg.; dense canopy.
92	Evergreen pear	17	Yes	3	Moderate	Codominant trunks arise from 8'; self correcting lean; surface roots; twig dieback.
93	Sweet bay	8	No	1	Low	Codominant trunks arise from 5'; decay on trunk N; bark checking.
94	Holly oak	6	No	2	Low	Tall narrow crown; thin canopy; buried base.
95	Sweet bay	8	No	3	Moderate	Multiple trunks arise from 6'; epicormic growth.
96	Saratoga Bay laurel	14	Yes	2	Low	Multiple trunks arise from 6'; dense canopy; topped; 2' S of ramp.
97	Holly oak	4	No	2	Low	Topped; sooty mold.
98	Saratoga Bay laurel	9	No	2	Low	Multiple trunks arise from 6'; dense canopy; topped; epicormic growth.
99	Saratoga Bay laurel	10	No	2	Low	Codominant trunks arise from 5'; dense canopy; topped.
100	Saratoga Bay laurel	7	No	2	Low	Multiple trunks arise from 6'; self correcting lean; dense canopy; topped; epicormic growth.
101	Evergreen pear	19	Yes	3	Moderate	Codominant trunks arise from 7'; suppressed on E; canopy extends to building on W; surface roots; epicormic growth.
102	Deodar cedar	27	Yes	4	Moderate	Dense canopy; good color.
103	Evergreen pear	14	Yes	3	Moderate	Codominant trunks arise from 7'; suppressed under cedar; surface roots; epicormic growth.
104	Evergreen pear	13	Yes	3	Moderate	Codominant trunks arise from 6'; surface roots; thin canopy.
105	Evergreen pear	14	Yes	2	Low	Multiple trunks arise from 8'; strong lean S; poor form and structure.
106	Evergreen pear	10	No	3	Moderate	Multiple trunks arise from 6'; surface roots.
107	Evergreen pear	15	Yes	3	Moderate	Multiple trunks arise from 8'; self correcting lean; surface roots.

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Tree No.	Species	Trunk Diameter (in.)	Ordinance size?	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
108	Evergreen pear	16	Yes	3	Moderate	Codominant trunks arise from 8'; self correcting lean; surface roots.
109	Evergreen ash	54	Yes	3	Moderate	Multiple trunks arise from 4'; included bark; canopy extends over bldg.; to S; epicormic growth; dense canopy.
110	Evergreen ash	32	Yes	4	High	Codominant trunks arise from 15'; canopy extends over bldg. to W; surface roots E; dense canopy.
111	Willow	29,28,26	Yes	2	Low	Multiple trunks arise from base; branch dieback; epicormic growth; extends over bldg. to W.
112	Monterey pine	27	Yes	3	Low	Multiple trunks arise from 8'; branch dieback; lion tailed.
113	Monterey pine	33	Yes	3	Low	Sinuous in top of crown; branch dieback; lion tailed.
114	Evergreen ash	23	Yes	3	Low	Multiple trunks arise from 5'; topped; corrective pruning; parking lot planter 6' wide; cracked curb; curb lifting.
115	Evergreen ash	22	Yes	3	Low	Multiple trunks arise from 5'; topped; corrective pruning; parking lot planter 6' wide; cracked curb.
116	Evergreen ash	21	Yes	2	Low	Multiple trunks arise from 5'; topped; epicormic growth; parking lot planter 6' wide; lamp 5' to S.
117	Evergreen ash	32	Yes	2	Low	Multiple trunks arise from 6'; topped; parking lot planter 6' wide; cracked curb; curb lifting.
118	Evergreen ash	15	Yes	2	Low	Codominant trunks arise from 8'; topped; epicormic growth; parking lot planter 6' wide; displaced curb.
119	Monterey pine	26, 18	Yes	2	Low	Codominant trunks arise from 1'; high crown ratio; lion tailed; parking lot planter.
120	Evergreen ash	19	Yes	2	Low	Multiple trunks arise from 6'; topped; epicormic growth; parking lot planter 6' wide.
121	Evergreen ash	15	Yes	2	Low	Codominant trunks arise from 6'; topped; epicormic growth; girdled root; parking lot planter 6' wide.
122	Mexican fan palm	26	Yes	3	Moderate	Decay at base S where stem was removed; brown trunk 20'.
123	River red gum	30	Yes	2	Low	Multiple trunks arise from 8'; topped; narrow parking lot plant; cracked and displaced curb.

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Tree No.	Species	Trunk Diameter (in.)	Ordinance size?	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
124	Glossy privet	20	Yes	2	Low	Multiple trunks arise from 5'; topped; sidewalk 3' N.
125	Glossy privet	17	Yes	2	Low	Multiple trunks arise from 5'; topped; self correcting lean; branch dieback; sidewalk 3' N.
126	Glossy privet	17	Yes	2	Low	Multiple trunks arise from 6' topped; epicormic growth; sidewalk 3' N.
127	Glossy privet	19	Yes	4	High	Multiple trunks arise from 6'; dense canopy; epicormic growth; sidewalk 3' N.
128	Glossy privet	17	Yes	2	Low	Multiple trunks arise from 6' thin canopy; twig dieback; sidewalk 3' N.
129	Glossy privet	16	Yes	3	Low	Multiple trunks arise from 6'; dense canopy; history of branch failure w/ decay on N under attachments; sidewalk 3' N.
130	Glossy privet	16	Yes	2	Low	Multiple trunks arise from 5'; topped; epicormic growth; sidewalk 3' N.
131	Glossy privet	20	Yes	2	Low	Multiple trunks arise from 4'; decay at attachment; topped; epicormic growth; sidewalk 3' N.
132	Glossy privet	18	Yes	3	Low	Multiple trunks arise from 6'; dense canopy; epicormic growth; surface roots: sidewalk 3' N.
133	Glossy privet	23	Yes	3	Low	Multiple trunks arise from 6'; topped; dense canopy; epicormic growth; sidewalk 3' N.
134	River red gum	28	Yes	2	Low	Multiple trunks arise from 8'; large wound at base S; topped; narrow parking lot plant 7' wide; cracked and displaced curb.
135	Sweet bay	16	Yes	3	Moderate	Multiple trunks arise from 5'; buried base; epi grow; lamp 5' N.
136	Sweet bay	16	Yes	3	Moderate	Multiple trunks arise from 6'; twig dieback; epicormic growth; intermediate.
137	Sweet bay	15	Yes	2	Low	Multiple trunks arise from 6'; twig dieback; decay on trunk W; epicormic growth.
138	Sweet bay	9	No	2	Low	Codominant trunks arise from 6'; trunk decay on W.
139	Sweet bay	13	Yes	2	Low	Multiple trunks arise from 8'; intermediate.
140	Sweet bay	14	Yes	2	Low	Multiple trunks arise from 6'; decay on trunk W.
141	Sweet bay	12	Yes	3	Low	Codominant trunks arise from 8'; included bark; pruning wounds on trunk W; epicormic growth.

Tree No.	Species	Trunk Diameter (in.)	Ordinance size?	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
142	Glossy privet	16	Yes	2	Low	Multiple trunks arise from 5'; topped; bleeding stems E; epicormic growth; sidewalk 3' N.
143	Glossy privet	16	Yes	2	Low	Codominant trunks arise from 8'; topped; pruning wounds under attachments epicormic growth; sidewalk 3' N.
144	Glossy privet	16	Yes	2	Low	Multiple trunks arise from 6'; topped; self correcting lean; epicormic growth; sidewalk 3' N.
145	Glossy privet	16	Yes	3	Low	Codominant trunks arise from 6'; twig dieback; sidewalk 3' N.
146	Glossy privet	17	Yes	3	Low	Multiple trunks arise from 6'; poor pruning; twig dieback; sidewalk 3' N.
147	Glossy privet	18	Yes	3	Low	Codominant trunks arise from 6'; topped; surface roots; sidewalk 3' N.
148	Glossy privet	16	Yes	3	Low	Multiple trunks arise from 6'; topped; dense canopy; surface roots; sidewalk 3' N.
149	Glossy privet	17	Yes	3	Low	Multiple trunks arise from 6'; topped; dense canopy; epicormic growth; surface roots; sidewalk 3' N.
150	Glossy privet	16	Yes	3	Low	Multiple trunks arise from 6'; topped; dense canopy; epicormic growth; surface roots; sidewalk 3' N; vault at base on W.
151	Glossy privet	20	Yes	3	Low	Multiple trunks arise from 6'; topped; dense canopy; epicormic growth; surface roots; sidewalk 3' N; monument sign 3' to W; cobble at base.
152	River red gum	20	Yes	2	Low	Codominant trunks arise from 8'; topped; epicormic growth; parking lot planter; displaced curb.
153	River red gum	20	Yes	2	Low	Multiple trunks arise from 8'; topped; epicormic growth; narrow parking lot planter; cracked curb; lamp 3' N.
154	River red gum	34	Yes	2	Low	Multiple trunks arise from 7'; topped; epicormic growth; parking lot planter; cracked cur.
155	Glossy privet	17	Yes	3	Low	Multiple trunks arise from 4'; thin canopy; epicormic growth; surface roots; sidewalk 3' N.
156	Strawberry tree	11,10, 9	Yes	3	Moderate	Multiple trunks arise from base; minimal twig dieback; suppressed under #157.

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157	River red gum	17	Yes	2	Low	Multiple trunks arise from 8'; topped; epicormic growth; large wound on W trunk.
158	Evergreen ash	24	Yes	4	High	Multiple trunks arise from 7'; E edge parking lot planter.
159	Evergreen ash	24	Yes	4	High	Multiple trunks arise from 7'; long lateral limb W; E edge parking lot planter.
160	Evergreen ash	26	Yes	3	Moderate	Multiple trunks arise from 9' poor pruning limb W; E edge parking lot planter.
161	Evergreen ash	27	Yes	3	Moderate	Multiple trunks arise from 7'; long lateral limbs to W; suppressed N; E edge parking lot planter; displaced curb.
162	Monkey puzzle	27	Yes	2	Low	Epicormic growth; thin canopy; narrow parking lot planter.
163	Monkey puzzle	51	Yes	2	Low	Epicormic growth; thin canopy; bulged; narrow parking lot planter; roots on curb lifting sidewalk.
164	Fig	7,5	No	2	Low	Multiple trunks arise from base; thin canopy.
165	Deodar cedar	25	Yes	3	Low	History of branch failure N; thin canopy.
166	Evergreen ash	30	Yes	3	Moderate	Codominant trunks arise from 8'; suppressed N; E edge parking lot planter; displaced curb.
167	Evergreen ash	27	Yes	3	Low	Codominant trunks arise from 4'; included bark; thin canopy; E edge parking lot planter; cracked curb.
168	Evergreen ash	28	Yes	3	Moderate	Multiple trunks arise from 7'; minimal twig dieback; E edge parking lot planter.
169	Evergreen ash	18	Yes	3	Low	Multiple trunks arise from 8'; branch dieback; E edge parking lot planter.
170	Evergreen ash	15	Yes	3	Low	Multiple trunks arise from 7'; self correcting lean; twig dieback; E edge parking lot planter.
171	Evergreen ash	22	Yes	3	Moderate	Codominant trunks arise from 6'; minimal twig dieback; E edge parking lot planter.
172	Evergreen ash	14	Yes	3	Low	Multiple trunks arise from 8'; bend in trunk; minimal twig dieback; E edge parking lot planter.

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Tree No.	Species	Trunk Diameter (in.)	Ordinance size?	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
173	Mexican fan palm	18	Yes	3	Low	Growing against fence; sinuous trunk; 20’ brown trunk.
174	Evergreen ash	19	Yes	3	Low	Multiple trunks arise from 7’; included bark; suppressed to S; minimal twig dieback; E edge parking lot planter.
175	Siberian elm	20,15	Yes	3	Moderate	Codominant trunks arise from 3’; epicormic growth; dense canopy; good color.
176	Evergreen ash	16	Yes	3	Low	Multiple trunks arise from 7’; leans S; suppressed on N; minimal twig dieback; E edge parking lot planter.
177	Mexican fan palm	24	Yes	3	Low	Growing against fence; ivy engulfing base; 20’ brown trunk.
178	Evergreen ash	22	Yes	4	High	Codominant trunks arise from 7’; dense canopy; epicormic growth; parking lot planter; 4’ S and E of curb.
179	Chinese elm	5	No	3	Moderate	Multiple trunks arise from 6’; trunk wound at base on E; thin canopy.
180	Chinese elm	10	No	2	Low	Multiple trunks arise from 7’; self correcting lean; topped; multiple pruning wounds on trunk; epicormic growth; 3’ wide parking lot planter; cracked curb.
181	Evergreen ash	31	Yes	5	High	Multiple trunks arise from 8’; minimal twig dieback; E edge parking lot planter; displaced curb.
182	Evergreen ash	11	No	3	Low	Codominant trunks arise from 7’; flat trunk; suppressed on N; minimal twig dieback; E edge parking lot planter.
183	Chinese elm	4	No	3	Moderate	Multiple trunks arise from 7’; leans W; tree stake should be removed; base 3’ E of curb.
184	Evergreen ash	26	Yes	2	Low	Codominant trunks arise from 7’; included bark; history of branch failure at attachment; E edge parking lot planter.
185	Chinese elm	10	No	3	Low	Multiple trunks arise from 6’; buried base; epicormic growth; topped; narrow parking lot planter.
186	Chinese elm	9	No	2	Low	Sinuous trunk leaning S; poor form and structure.
187	Chinese elm	11	No	3	Moderate	Multiple trunks arise from 7’; slight lean; minimal twig dieback.
188	Chinese flame tree	9	No	2	Low	Multiple trunks arise from 8’; thin canopy; 3’ N of cur.

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Tree No.	Species	Trunk Diameter (in.)	Ordinance size?	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
189	Chinese flame tree	10	No	3	Low	Multiple trunks arise from 7'; epicormic growth; poor pruning cuts; 3' N of curb.
190	Chinese flame tree	10	No	3	Low	Multiple trunks arise from 7'; epicormic growth; poor pruning cuts; twig dieback; narrow planter; 2' N of curb.
191	Chinese flame tree	13	Yes	3	Moderate	Codominant trunks arise from 8'; epicormic growth; narrow planter; base on curb.
192	Chinese flame tree	13	Yes	3	Moderate	Multiple trunks arise from 8'; pruning wound W; epicormic growth; narrow planter; base on curb.
193	Chinese flame tree	1,1,1,1	No	3	Moderate	Multiple trunks arise from base; base buried; narrow planter.
194	Chinese flame tree	12	Yes	3	Low	Multiple trunks arise from 7'; included bark; fused stems W; epicormic growth; small wound on trunk S narrow planter; base on curb.
195	Chinese flame tree	13	Yes	3	Low	Multiple trunks arise from 7'; pruning wounds at attachment; small wound on trunk S; twig dieback; narrow planter; base 1'N of curb; cracked curb.
196	Chinese flame tree	14	Yes	3	Moderate	Multiple trunks arise from 7'; pruning wounds at attachment; twig dieback; base growing into fence on N.
197	Chinese flame tree	5	No	3	Moderate	Multiple trunks arise from 6'; topped; twig dieback; canopy growing over fence on N.
198	Chinese flame tree	3,3,3,2,2,2 ,2,2,2,1,1, 1	Yes	3	Moderate	Multiple trunks arise from base; canopy growing over fence on N.
199	Chinese flame tree	14	Yes	2	Low	Multiple trunks arise from 8'; topped.
200	Chinese flame tree	15	Yes	3	Moderate	Codominant trunks arise from 8'; pruning wounds at attachments; epicormic growth.
201	Chinese flame tree	4	Yes	3	Moderate	Multiple trunks arise from 6'; twig dieback.
202	Chinese flame tree	6	Yes	3	Moderate	Multiple trunks arise from 6'; pruning wound at attachment; canopy growing over fence on E.
203	Chinese flame tree	4	No	3	Low	Codominant trunks arise from 6'; poor pruning; canopy growing over fence on E.

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Tree No.	Species	Trunk Diameter (in.)	Ordinance size?	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
204	Chinese flame tree	14	Yes	2	Low	Multiple trunks arise from 7'; topped; canopy growing over fence on E.
205	Chinese flame tree	14	Yes	2	Low	Multiple trunks arise from 8'; topped; epicormic growth; lamp 7' to S.
206	Chinese flame tree	15	Yes	2	Low	Multiple trunks arise from 8'; topped; epicormic growth.
207	Chinese flame tree	9	No	2	Low	Off-site; multiple trunks arise from 9'; topped; canopy growing thru lamp to N.
208	Chinese flame tree	5	No	2	Low	Off-site; multiple trunks arise from 7'; topped; canopy growing thru lamp to N.
209	Chinese flame tree	16	Yes	3	Moderate	Multiple trunks arise from 8'; pruning wound E; epicormic growth; narrow planter 4' wide.
210	Chinese flame tree	15	Yes	3	Moderate	Multiple trunks arise from 9'; pruning wound E; & N at attachments; epicormic growth; narrow planter 4' wide.
211	Chinese flame tree	17	Yes	3	Moderate	Multiple trunks arise from 9'; pruning wounds N at attachments; epicormic growth; narrow planter 4' wide.
212	Chinese flame tree	17	Yes	3	Moderate	Multiple trunks arise from 9'; pruning wounds E & W at attachments; epicormic growth; narrow planter 4' wide.
213	Chinese flame tree	17	Yes	3	Moderate	Multiple trunks arise from 8'; pruning wounds N & S at attachments; epicormic growth; roots spilling over curb N; narrow planter 4' wide.
214	Chinese flame tree	18	Yes	3	Moderate	Multiple trunks arise from 10'; pruning wound W at attachments; epicormic growth; narrow planter 4' wide.
215	Chinese flame tree	19	Yes	3	Low	Multiple trunks arise from 7'; pruning wounds E & W at attachments; epicormic growth; narrow planter 4' wide; lamp 4' to W.
216	Chinese flame tree	14	Yes	2	Low	Multiple trunks arise from 9'; decay on E trunk; pruning wounds; epicormic growth; narrow planter 4' wide; lamp 4' to W.
217	Chinese flame tree	17	Yes	3	Moderate	Multiple trunks arise from 8'; pruning wound W at attachments; epicormic growth; narrow planter 4' wide; lamp 6' to W.
218	Chinese flame tree	16	Yes	2	Low	Multiple trunks arise from 9'; pruning wounds at attachments; sinuous; epicormic growth; narrow planter 4' wide.

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Tree No.	Species	Trunk Diameter (in.)	Ordinance size?	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
219	Chinese flame tree	20	Yes	3	Low	Multiple trunks arise from 8'; multiple pruning wounds; epicormic growth; narrow planter 4' wide; roots spilling over curb; lamp 6' E.
220	Glossy privet	3	No	2	Low	Off-site; growing between bldg. and fence.
221	Chinese flame tree	7,4,4,2	No	2	Low	Off-site; growing between bldg. and fence.
222	Chinese flame tree	4,4,2,2	No	2	Low	Off-site; growing between bldg. and fence.
223	Chinese flame tree	18	Yes	3	Moderate	Codominant trunks arise from 8'; large surface roots E & W.
224	Chinese flame tree	11	No	2	Low	Codominant trunks arise from 10'; topped ; narrow parking lot planter.
225	Chinese flame tree	6	No	1	Low	All but dead; 3X3 parking lot planter.
226	Chinese flame tree	6	No	1	Low	All but dead; 3X3 parking lot planter.
227	Chinese flame tree	6	No	2	Low	Multiple trunks arise from 6'; thin canopy; 3X3 parking lot planter.
228	Chinese flame tree	8	No	2	Low	Codominant trunks arise from7'; bark checking; twig dieback; 3X3 parking lot planter.
229	Chinese flame tree	7	No	2	Low	Codominant trunks arise from7'; basal wound S; twig dieback; 3X3 parking lot planter.
230	Chinese flame tree	6	No	2	Low	Multiple trunks arise from 6'; pruning wounds at attachment; twig dieback; 3X3 parking lot planter.
231	Chinese flame tree	6	No	2	Low	Codominant trunks arise from 6'; trunk wounds; twig dieback; 3X3 parking lot planter.
232	Chinese flame tree	6	No	2	Low	Codominant trunks arise from 6'; leans; fused stems W; trunk wound; twig dieback; 3X3 parking lot planter.
233	Chinese flame tree	6	No	3	Low	Codominant trunks arise from 7'; slight lean; poor pruning; history of branch failure; twig dieback; 3X3 parking lot planter.
234	Chinese flame tree	5	No	3	Low	Multiple trunks arise from 6'; history of branch failure; twig dieback; 3X3 parking lot planter.
235	Chinese flame tree	3	No	2	Low	Codominant trunks arise from7'; thin canopy; twig dieback; narrow parking lot planter.
236	Chinese flame tree	4	No	2	Low	Codominant trunks arise from 7'; history of branch failure; twig dieback; narrow parking lot planter.

Tree No.	Species	Trunk Diameter (in.)	Ordinance size?	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
237	Chinese flame tree	11	No	3	Low	Multiple trunks arise from 7'; poor pruning; 4X4 parking lot planter.
238	Chinese flame tree	11	No	3	Low	Multiple trunks arise from 6'; poor pruning; trunk wound N; 4X4 parking lot planter.
239	Chinese flame tree	8	No	3	Low	Multiple trunks arise from 8'; multiple pruning wounds; 4X4 parking lot planter.
240	Chinese flame tree	9	No	3	Low	Multiple trunks arise from 8'; sinuous ; poor pruning; 4X4 parking lot planter.
241	Chinese flame tree	6	No	2	Low	All but dead; 4X4 parking lot planter.
242	Chinese flame tree	7	No	3	Low	Multiple trunks arise from 7'; pruning wound W; 4X4 parking lot planter.
243	Chinese flame tree	10	No	3	Low	Multiple trunks arise from 7'; pruning wound below attachment; 4X4 parking lot planter.
244	Chinese flame tree	12	Yes	3	Low	Multiple trunks arise from 7'; poor pruning; wound on stem S; 4X4 parking lot planter.
245	Chinese flame tree	11	No	3	Low	Multiple trunks arise from 8'; poor pruning leaving multiple wounds; 4X4 parking lot planter.
246	Chinese flame tree	9	No	3	Low	Codominant trunks arise from 4'; poor pruning; basal wound W; 4X4 parking lot planter.
247	Chinese flame tree	11	No	3	Low	Multiple trunks arise from 7'; poor pruning leaving multiple wounds; 4X4 parking lot planter.
248	Chinese flame tree	12	Yes	3	Low	Codominant trunks arise from 7'; poor pruning leaving multiple wounds; 4X4 parking lot planter.
249	Chinese flame tree	7	No	2	Low	Codominant trunks arise from 8'; poor pruning; bark checking N; 4X4 parking lot planter.
250	Chinese flame tree	14	Yes	3	Low	Codominant trunks arise from 8'; poor pruning; 4X4 parking lot planter.
251	Chinese flame tree	12	Yes	3	Low	Multiple trunks arise from 8'; poor pruning leaving multiple wounds; 4X4 parking lot planter.
252	Chinese flame tree	6	No	3	Moderate	Multiple trunks arise from 7'; narrow parking lot planter.
253	Chinese flame tree	11	No	3	Moderate	Multiple trunks arise from 7'; poor pruning; wound at attachment; narrow parking lot planter.

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Tree No.	Species	Trunk Diameter (in.)	Ordinance size?	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
254	Chinese flame tree	8	No	3	Low	Multiple trunks arise from 8'; included bark W; poor pruning; 4X4 parking lot planter.
255	Chinese flame tree	6	No	3	Low	Multiple trunks arise from 8'; poor pruning; wound on stem E; bark checking; 4X4 parking lot planter.
256	Chinese flame tree	6	No	2	Low	Codominant trunks arise from7'; all but dead; 4X4 parking lot planter.
257	Chinese flame tree	14	Yes	3	Low	Multiple trunks arise from 6'; poor pruning; epicormic growth; dense canopy; 4X4 parking lot planter.
258	Chinese flame tree	10	No	3	Low	Multiple trunks arise from 6'; self correcting lean; large surface roots; epicormic growth; 4X4 parking lot planter.
259	Chinese flame tree	10	No	3	Low	Multiple trunks arise from 6'; trunk wound E; poor pruning cuts; epicormic growth; 4X4 parking lot planter.
260	Chinese flame tree	9	No	3	Low	Multiple trunks arise from 7'; poor pruning cuts with wounds; epicormic growth; 3X3 parking lot planter.
261	Chinese flame tree	10	No	2	Low	Multiple trunks arise from 6'; trunk wound W; 3X3 parking lot planter.
262	Chinese flame tree	10	No	3	Low	Multiple trunks arise from 7'; cavity at attachments on E; poor pruning cuts with wounds; 3X3 parking lot planter.
263	Chinese flame tree	11	No	3	Low	Multiple trunks arise from 6'; pruning wound on N at attachment; multiple pruning wounds; 3X3 parking lot planter.
264	Queen palm	11	No	3	Moderate	Brown trunk 15'; 2' S of bldg.; S base spilling over grate.
265	Queen palm	12	Yes	3	Moderate	Brown trunk 10'; 2' S of bldg.; S base spilling over grate.
266	Queen palm	11	No	4	High	Brown trunk 15'; 2' S of bldg.; S base near grate.
267	Queen palm	11	No	4	High	Brown trunk 10'; 2' S of bldg.; S base near grate.
268	Queen palm	10	No	3	Moderate	Brown trunk 10'; 2' S of bldg.; S base spilling grate.
269	Queen palm	12	Yes	3	Moderate	Brown trunk 12'; 2' S of bldg.; S base spilling grate.
270	Queen palm	11	No	3	Moderate	Brown trunk 12'; 2' S of bldg.; S base spilling grate.
271	Queen palm	10	No	3	Moderate	Brown trunk 10'; 2' S of bldg.; S base near grate.
272	Queen palm	14	Yes	4	High	Brown trunk 10'; 2' S of bldg.; S base near grate.
273	Queen palm	12	Yes	3	Moderate	Brown trunk 15'; 2' S of bldg.; S base spilling over grate.

Tree No.	Species	Trunk Diameter (in.)	Ordinance size?	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
274	Queen palm	13	Yes	3	Moderate	Brown trunk 10’; 2’ S of bldg.; S base spilling over grate.
275	Queen palm	11	No	3	Moderate	Brown trunk 15’; 2’ S of bldg.; S base spilling over grate.
276	Queen palm	10	No	3	Moderate	Brown trunk 10’; 2’ S of bldg.
277	Queen palm	11	No	3	Moderate	Brown trunk 9’; 2’ S of bldg.
278	Queen palm	11	No	3	Moderate	Brown trunk 10’; 2’ S of bldg.
279	Queen palm	13	Yes	3	Moderate	Brown trunk 10’; 2’ S of bldg.; spilling over grate to S.
280	Glossy privet	12,10,6	Yes	3	Moderate	Off-site; multiple trunks arise from 3’; 3’ from fence; engulf engulfed in ivy.
281	Glossy privet	12,9	Yes	3	Moderate	Off-site; codominant trunks arise from base; 4’ from fence.
282	Red iron bark	19,16 ,6	Yes	3	Moderate	Off-site; multiple trunks arise from base; 3’from fence.
283	Red iron bark	20,12	Yes	3	Moderate	Off-site; codominant trunks arise from4’; 3’from fence.
284	Red iron bark	28, 13,12,6	Yes	3	Moderate	Off-site; multiple trunks arise from base; 3’ from fence.
285	Red iron bark	25	Yes	3	Moderate	Off-site; 3’ from fence.
286	River red gum	16,15	Yes	3	Moderate	Off-site; codominant trunks arise from base; 1’ from base.
287	River red gum	18	Yes	3	Moderate	Off-site; 1’ from base.
288	River red gum	14	Yes	3	Moderate	Off-site; 2’ from base.
289	Red iron bark	17	Yes	3	Moderate	Off-site; 1’ from fence.
290	River red gum	15	Yes	3	Moderate	Off-site; 1’ from base.
291	Compact blue gum	24	Yes	3	Moderate	Off-site; 4’ from base.
292	Blue gum	36	Yes	3	Moderate	Off-site; 3’ fence.
293	Blue gum	36	Yes	3	Moderate	Off-site; 3’ fence.
294	Blue gum	30	Yes	3	Moderate	Off-site; 3’ fence.
295	Blue gum	36	Yes	3	Moderate	Off-site; 2’ fence.
296	Blue gum	30	Yes	3	Moderate	Off-site; 4’ fence.

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Tree No.	Species	Trunk Diameter (in.)	Ordinance size?	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
297	Blue gum	38	Yes	2	Low	Off-site; topped; 3’ fence.
298	Blue gum	28	Yes	2	Low	Off-site; topped; 4’ fence.
299	Blue gum	48	Yes	2	Low	Off-site; topped; 3’ fence.
300	River red gum	24,18	Yes	3	Moderate	Off-site; codominant trunks arise from4’; 4’ from fence.
301	River red gum	40	Yes	3	Moderate	Off-site; 4’ from base.

Tree Assessment Plan

550 Brokaw Road
San Jose, CA

Prepared for:
Bay West Development
Campbell, CA

July 2020

No Scale

Notes:
Base map provided by:
Bay West Development
Campbell, CA

Numbered tree locations are approximate.

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