San Francisco Recreation & Park Department

Tree Risk Assessment & Arborist Report

Crocker Amazon Athletic Field Project

Prepared for:
Recreation & Park Department
City of San Francisco
49 South Van Ness Avenue
San Francisco CA 94103

Prepared by:
HortScience | Bartlett Consulting
2550 Ninth Street, Suite #112
Berkeley, CA 94710

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

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Recreation & Park Department
San Francisco CA

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Introduction and Overview

The San Francisco Recreation and Parks Department (SF RPD) is planning improvements to Crocker Amazon Park located in San Francisco, CA. SF RPD requested that HortScience | Bartlett Consulting, Divisions of the F.A. Bartlett Tree Expert Company (H|BC), assess tree condition, rank tree risk, and evaluate impacts for trees within and adjacent to the project area and for future planning.

This report presents the following information:

1. Evaluation of tree health and structural condition.
2. Assessment of tree risk.
3. Recommendations for action.
4. An assessment of the impacts on trees within the proposed construction footprint.
5. Guidelines for tree preservation throughout the planned demolition and construction phases of the project.

Assessment Methods

Trees in the project area were assessed on December 8 and 15, 2025. Tree assessment consisted of a visual inspection from the ground and included the following steps:

1. Identifying the tree species.
2. Verifying the presence of a numerically coded metal tag on the trunk of each tree. If no tag is present, attaching a new tag to the tree.
3. Recording the tree's location on a map.
4. Measuring the trunk diameter at a point 54-inches above grade.
5. Evaluating the health and structural condition using a scale of 1 – 5:
   - ***5*** - A healthy, vigorous tree, reasonably free of signs and symptoms of disease, with good structure and form typical of the species.
   - ***4*** - Tree with slight decline in vigor, small amount of twig dieback, or 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 epicormic shoots (secondary shoots that arise along the trunk and branches); extensive structural defects that cannot be abated.
   - ***0*** – Tree is dead.
6. Describing defects in structure, insects or diseases and other aspects of development.
7. Assessing tree suitability for preservation as high, moderate or low.
8. Assessing the risk associated with the tree:
   a. Identify the part of the tree most likely to fail and hit a target within the next year.
   b. Identify the target(s) that would be impacted by that failure (e.g. street, sidewalk, parking, landscaping).
   c. Rate the potential risk using the method described in ***A Photographic Guide to the Evaluation of Hazard Trees in Urban Areas***.
   d. Identify arboricultural treatments to reduce the likelihood of failure and improve tree health, structure, stability and longevity.

9. Rating the suitability for preservation as "high", "moderate" or "low". Suitability for preservation considers the health, age and structural condition of the tree species, and its potential to remain an asset to the site.
   - ***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 than can be abated with treatment. The tree will require more intense management and monitoring, and may have shorter lifespan than those in 'high' category.
   - ***Low:*** Trees 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 tree may have characteristics that are undesirable for landscapes, and generally are unsuited for use areas.

Description of Trees

Three hundred nine (309) trees were evaluated, representing 27 species (Table 1, next page). Overall, 74 trees were in good condition, 115 were in fair condition, 119 were in poor condition, and tree #201 was dead. Monterey cypress, coast redwood, and coast live oak are native to California, but no trees appear to be indigenous to the site. All trees appeared to have been planted as part of landscape development. Descriptions of each tree are found in the ***Tree Assessment Form,*** and approximate locations are plotted on the ***Tree Assessment Map*** (see Attachments).

The project site represents the western half and the northeast quadrant of Crocker Amazon Park, including all of the trees around the clubhouse, parking lot, three baseball fields, and the dog play area.

The park was dominated by Monterey cypress (164 trees or 52% of the trees) and blue gum eucalyptus (58 trees), making up 70% of the population.

Table 1. Tree condition and frequency of occurrence.
Crocker Amazon Improvement Project
San Francisco, CA.

Common Name	Scientific Name	Condition				Total
		Dead (0)	Poor (1-2)	Fair (3)	Good (4-5)	
Blackwood acacia	*Acacia melanoxylon*	-	5	6	-	**11**
Hopseed bush	*Dodonaea viscosa*	-	-	1	-	**1**
River red gum	*Eucalyptus camaldulensis*	-	2	-	-	**2**
Lemon-scented gum	*Eucalyptus citriodora*	-	2	1	3	**6**
Bushy yate	*Eucalyptus conferruminata*	-	1	-	-	**1**
Blue gum	*Eucalyptus globulus*	-	23	33	2	**58**
Swamp mahogany	*Eucalyptus robusta*	-	2	1	-	**3**
Flooded gum	*Eucalyptus rudis*	-	2	-	-	**2**
Manna gum	*Eucalyptus viminalis*	-	-	1	-	**1**
Monterey cypress	*Hesperocyparis macrocarpa*	-	63	59	42	**164**
Toyon	*Heteromeles arbutifolia*	-	1	1	-	**2**
Crabapple	*Malus sylvestris*	-	1	-	1	**2**
Myoporum	*Myoporum laetum*	-	1	1	-	**2**
Olive	*Olea europaea*	-	-	-	2	**2**
Photinia	*Photinia fraseri*	-	1	-	-	**1**
Colorado blue spruce	*Picea pungens* 'Glauca'	-	-	1	-	**1**
Monterey pine	*Pinus radiata*	1	11	4	5	**21**
Torrey pine	*Pinus torreyana*	-	-	-	4	**4**
Lemonwood	*Pittosporum eugenioides*	-	-	1	-	**1**
Japanese cheesewood	*Pittosporum tobira*	-	-	-	1	**1**
Purpleleaf plum	*Prunus cerasifera*	-	2	1	-	**3**
Plum	*Prunus domestica*	-	1	-	-	**1**
Coast live oak	*Quercus agrifolia*	-	-	3	7	**10**
Italian buckthorn	*Rhamnus alaternus*	-	-	1	-	**1**
Coast redwood	*Sequoia sempervirens*	-	-	-	5	**5**
Turpentine tree	*Syncarpia glomulifera*	-	1	-	1	**2**
Spanish dagger	*Yucca gloriosa*	-	-	-	1	**1**
Total		**1**	**119**	**115**	**74**	**309**

The 164 Monterey cypresses were concentrated on the northern half of the project site. Trees were young to over-mature in development, with trunk sizes ranging from 7 to 111 inches in diameter. Overall, the cypress population was mostly mature to over-mature, as 71% (119 trees) had trunk diameters of 24 inches or larger (Photo 1). Condition was good (42 trees), fair (59 trees), and poor (63 trees). In general, those in good condition had a dense crown with upright form and good branch structure. Factors that contributed to a lower condition rating included a history of previous branch failure, moderate to significant twig and branch dieback, poor form and structure, and decay (Photo 2).

Fifty-four (54) cypresses (#119 – 134 and 173 – 221) were growing in a dense group along the top of a steep slope on the northeastern side of the park. Taken individually, the trees were in poor condition; however, as a group, they contributed benefits such a slope stabilization, shade, and wind screening to the surrounding area (Photo 2)

Photo 1. There were many large-diameter Monterey cypresses in the park. Tree #102 shown here had a trunk diameter of 62” and was over mature in development. Cypress #221 (right)

Photo 2. Cypress #221 was in poor condition with codominant stems and poor branch structure. Despite its poor condition, the tree provided slope stabilization and shade to the adjacent path.

Of the 58 blue gum eucalyptus present, 41 were concentrated along the perimeter of the southwestern athletic fields, and 17 were scattered throughout the remainder of the project area. In general, blue gums had not performed well at the site, with 2 in good condition, 33 in fair, and 23 in poor condition. Twig and branch dieback, poor form and structure, and crowding contributed to a lower condition rating. Twenty-five (25) blue gums on the west side of the site were growing close together and had limited growing space, resulting in leaning trees with narrow, one-sided crowns (Photo 3).

Photo 3. Looking west at blue gum eucalyptus #528-540 (L to R). The close spacing between trees and the limited growing space provided for some trees had produced leaning trees with asymmetric, one-sided crowns.

Twenty-one (21) Monterey pines were growing on the northern half of the site. Many of these pines were part of the original park planting. Tree condition was good (5 trees), fair (4 trees), and poor (11 trees). Tree #201 was standing dead. Six were mature (21 to 33 inches in diameter), 11 over-mature (35 to 63 inches in diameter), and three were young (6 to 9 inches in diameter). The younger trees were in good condition, while the older trees were in fair and poor condition.

The 11 blackwood acacias were growing adjacent to the parking lot. Condition was either fair (6 trees) or poor (5 trees), and several leaned or were windswept to the south and southeast. The acacia trees were mostly young to semi-mature (diameters of 9 to 19 inches), and four were mature in development.

Of the 10 coast live oaks present, nine were either codominant or had multiple stems. The oaks were young to semi-mature in development, with stems ranging in diameter from 3 to 8 inches. They were located on a densely vegetated slope in the northwest portion of the park. The oaks had full dense crowns branching to the ground. Condition was either good (7 trees) or fair (3 trees).

Six lemon-scented gums were in good (3 trees), fair (tree #145), and poor (2 trees) condition. Those in good condition had good form and a full crown, while those in fair and poor condition had foliage concentrated at the tips (tree #145), stem failure (tree #148), and poor form and branch structure (tree #150) (Photo 4). Age and size ranged from young to mature and from 8 to 42 inches in diameter.

Photo 4. Lemon-scented gum #143 was in good condition with a full crown.

Five coast redwoods were in excellent condition. They were located in the northeast corner of the park. Trees had good upright form and structure typical of the species and full dense crowns. The redwoods were semi-mature to mature in development with an average trunk diameter of 38 inches.

Photo 4. Coast redwoods #155 and 156 (right and left) were in excellent condition.

The remaining 20 species were represented by 4 or fewer individuals, including:

- Four young Torrey pines were growing adjacent to Geneva Ave. They were good young trees with full dense crowns.
- Three swamp mahoganies were in poor (trees #163 and 169) and fair (tree #158) condition. Tree #163 was codominant and the other two had multiple stems that arose at the base. Stem size ranged from 1 to 12 inches in diameter.
- Olives #565 and 566 were growing in an island between the parking lot and club house. They were young and in good condition. Olive #270 was in a sidewalk well at the corner of Geneva Ave. and Moscow St. It was young and in fair condition.
- Three purpleleaf plums had multiple stems that arose at the base. They were in fair (tree #157) and poor (trees #166 and 170) condition. The plums were semi-mature with stem diameters ranging from 2 to 7 inches.

- Red river gums #117 and 415 had multiple stems that arose at one foot and the base, respectively. They were semi-mature and in poor condition, having been topped for the overhead utilities.
- Two flooded gums were in poor condition. Tree #146 had multiple stems that were fused and crossing branches. Tree #147 was codominant at one foot and had a suppressed form. Stem diameters ranged from 8 to 10 inches.
- Two young toyons had an average diameter of 8 inches. Tree #113 was in fair condition with a dense high crown, while tree #114 was in poor condition with little live foliage.
- Turpentine trees #464 and 470 were growing along the path between baseball fields. Tree #464 was in good condition with a full, dense crown, and #470 was suppressed and in poor condition (Photo 5). Trees were semi-mature in development.

Photo 5. Two turpentine trees, were located in the park. Tree #464, shown here, was in good condition.

- Two myoporum were present. Tree #561 was mature (21-inch diameter) and in fair condition. Tree #190 was an understory tree with thrip damage and was in poor condition.
- Two Victorian boxes were in good condition with a full, dense crown. They had multiple attachments that arose between one and three feet. The boxes were semi-mature in development with stem diameter ranging between 6 and 14 inches.
- Two crabapples and 683 had multiple stems that arose at the base. Apple #140 had decay in the lower trunk and was in poor condition. Tree #683 had a vigorous crown and was in good condition. Stem diameters ranged between 4 and 9 inches.
- Hopseed bush #115 was young (7-inch diameter) and in fair condition. It had a strong lean to the east and the base was outside the dripline.
- Colorado blue spruce #453 was semi-mature (18-inch diameter) in development. It was in fair condition with good form and structure, and significant twig dieback. The grass in this area of the park was excessively wet.
- Bushy yate #168 was in poor condition with codominant stems and fused branches in the crown. It was semi-mature in development with a 10-inch diameter.

- Manna gum #142 was mature in development with a trunk diameter that measured 37 inches. It was in fair condition with multiple stems near four feet and a slightly thin crown.
- Photinia #164 was a suppressed understory tree with little live foliage in poor condition. It was young with a 7-inch diameter.
- Japanese cheesewood #244 measured 11 inches in diameter, making it semi-mature in development. It was in good condition.
- Lemonwood #682 had multiple stems that arose at the base and ranged in size between 6 and 11 inches. It was in fair condition with poor structure and a full dense crown.
- Plum #167 had been topped and was in poor condition. It had multiple stems, ranging in diameter from 3 to 6 inches.
- Italian buckthorn #260 had codominant stems each 11 inches in diameter. It was in fair condition with fused branches and twig and branch dieback.
- Spanish dagger #246 was in excellent condition with a full dense crown (Photo 6). It was semi-mature in development with a 12-inch trunk diameter.

Photo 6. Spanish dagger #246 was in excellent condition. It stood out for its unique appearance amongst the surrounding large trees.

Fruiting bodies of a *ganoderma sp.* were identified on the trunk of blackwood acacia #406, and sulfur fungus (*Laetiporous sulfureus*) was identified on the trunks of blue gums #528 and 556. These decay organisms have the potential to degrade wood strength and contribute to tree failures.

The Department of Public Works categorizes trees in three ways:

1. **Street tree**. A tree of any size located within the street right-of-way. None of the trees met this criterion.

1. **Significant tree**. Tree located within 10' of a lot line abutting the public right-of-way that: 1) are greater than 20' in height, 2) have a canopy spread greater than 15', or 3) have a trunk diameter of 12" or greater (measured at 54" above grade). A tree attains significant status if any one of the three size criteria is met. Based on our observations, Monterey cypress #102 appears to meet these criteria.

2. **Landmark tree.** A tree so designated by the City's Urban Forestry Council and Board of Supervisors. None of the trees assessed had this status.

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, coast redwoods #156 and 157 were in excellent condition and are good candidates for preservation.

- **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, blackwood acacia #406 had a fungal fruiting body and is not a good candidate for preservation.

- **Species response**
  There is a wide variation in the response of individual species to construction impacts and changes in the environment. Coast live oaks and coast redwoods are tolerant of impacts where have moderate tolerance to impacts. Monterey cypress, Monterey pine, blue gum, and blackwood acacia are sensitive to impacts from construction and intolerant of root impacts.

- **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 Francisco is part of the Central West Floristic Province. Blue gum is listed as having limited invasiveness, and olive is on the watch list.

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

Table 2. Tree suitability for preservation.
Crocker Amazon Athletic Field Improvement Project
San Francisco CA.

42	**High**	Trees with good health and structural stability that have the potential for longevity at the site. Forty-two trees had high suitability for preservation: 21 Monterey cypresses, seven coast live oaks, five coast redwoods, and four Torrey pines.
104	**Moderate**	Trees in fair health and/or possessing structural defects that may be abated with treatment. Trees in this category require more intense management and monitoring, and may have shorter life-spans than those in the "high" category. One hundred four (104) trees had moderate suitability for preservation: 59 Monterey cypresses, 24 blue gums, 6 Monterey pines, three coast live oaks, and three lemon-scented gums.
163	**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 sixty-three (163) trees had low suitability for preservation: 81 Monterey cypressed, 34 blue gums, 14 Monterey pines, 10 blackwood acacias, three Deodar cedars, three swamp mahoganies, three purpleleaf plums, two flooded gums, two lemon-scented gums, and two river red gums.

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

Tree Risk Assessment

Tree risk assessment is the systematic process of evaluating the potential for a tree or one of its parts to fail and, in so doing, injure people or damage property. All trees have the potential to fail. The degree of risk will vary with the size of the tree, type and location of the defect, tree species, and the nature of the target. Tree risk assessment involves three components:

1. a tree with the potential to fail,
2. an environment that may contribute to that failure, and
3. a person or object that would be injured or damaged (i.e. the target).

Tree Risk Rating System

All of the surveyed trees were assessed using the procedure outlined in *A Photographic Guide to the Evaluation of Hazard Trees in Urban Areas* (N. Matheny & J. Clark 1994 (2nd edition. International Society of Arboriculture. Champaign IL). Following a visual inspection of tree health and structural condition, the part of the tree most likely fail within the next year was identified (e.g. branch, stem, or whole tree). The target that would be impacted by this part of the tree was then identified. The risk associated with the tree was evaluated using the following components:

Failure potential (4 points) - identifies the most likely failure and rates the likelihood that the structural defect(s) will result in failure within the next year. The part of the tree most likely to fail was assessed using the following scale:

1 - low - defects are minor (e.g. dieback of twigs, small wounds with good woundwood development)
2 - medium - defects are present and obvious (e.g. lean or bow that has developed over time, cavity encompassing 10-25% of the circumference of the stem, codominant stems without included bark)
3 - high - compounding and/or significant defects present (e.g. severe lean, cavity encompassing 30-50% of the circumference of the stem, multiple pruning wounds with decay along a branch)
4 - severe - defects are very severe (e.g. partial uprooting of leaning tree, decay conks along the main stem, cavity encompassing more than 50% of the stem)

Size of defective part (4 points) - rates the size of the part most likely to fail. Larger parts present a greater potential for damage. Therefore, the size of the failure affects the potential for injury or damage. The scoring system was as follows:

1 - most likely failure less than 6-inches in diameter
2 - most likely failure 6 - 18-inches in diameter
3 - most likely failure 18 - 30-inches in diameter
4 - most likely failure greater than 30-inches in diameter

Target rating (4 points) - rates the use and occupancy of the area that would be struck by the defective part. For the project areas, the following scoring was employed:

1 - occasional use (e.g. lawn, landscape areas)
2 - intermittent use (e.g. sidewalk/designated trail)
3 - frequent use (e.g. parking lot)
4 - constant use (e.g. restroom building)

The points in each category were added to obtain the overall hazard rating, with 3 being the minimum and 12 being the maximum value.

Risk ranking = failure potential + size of defective part + target rating

Among assessed trees, the most likely failure included branch (299 trees), whole tree (4 trees), and stem (6 trees). Among potential targets were the lawn/landscape (171 trees), sidewalk/designated trail (79 trees), sports field (25 trees), unpaved trail (16 trees), parking lot (13 trees), building (3 trees), bench (tree #430), and multi-use play area (tree #162).

Risk rankings ranged from 3 to 8 (see **Attachments**). Under a normal management regime, trees with the highest ranking would be abated first, followed in order of decreasing ratings. The City of San Francisco Recreation and Park Department may abate risk for trees ranked 9 or greater. No trees received a risk rating of 9 or higher.

Risk ratings for individual trees and recommendations for action are included in ***Tree Risk Ratings*** (Attachments).

Note that this report represents the condition of the trees at the time of inspection. All information provided by Bartlett Tree Experts was based on the conditions and characteristics of the trees observed at the time of the inspection. Bartlett Tree Experts can make no guarantees or warranties of any kind that all conditions or defects will be observed, detected, or factored into the overall report or recommendations, nor does it accept any liability in any manner whatsoever for any damage caused by any tree on this property, whether the tree was inventoried, inspected, or present during the fulfillment of the assigned work; or not.

Evaluation of Impacts and Recommendations

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 Form*** was the reference point for tree health, condition, and suitability for preservation. I used the Crocker Amazon Grading Plan provided by Verde Designs Inc (1/22/26) to determine the project area and evaluate impacts to trees.

The plan proposes five new turf fields, an outdoor plaza, parking lot and walkway repaving, new landscaping, and other park amenities.

82 - conflict
23 - unhealthy
= 105 to cut

204 - keep

Based on my assessment of the proposed grading plan and evaluation of the trees, 82 trees will be removed due to conflicts with grading and construction. Impacts to these trees are expected to be severe and beyond their tolerance. Twenty-three (23) trees are proposed for removal due to poor condition and low suitability for preservation. These trees are in decline and are not a long-term asset to the project. The remaining 204 trees can be preserved. Disposition of individual trees is shown in the **Tree Disposition** (see *Attachments*).

Successful retention of all trees to be preserved is predicated on strict adherence to the ***Tree Preservation Guidelines*** (next page). Some canopy and root pruning may be required for these trees during construction.

Tree Preservation Guidelines

The goal of tree preservation is not merely tree survival during development but maintenance of tree health and beauty for many years. Trees retained on sites that are either subject to extensive injury during construction or are inadequately maintained become a liability rather than an asset. The response of individual trees will depend on the amount of excavation and grading, the care with which demolition is undertaken, and the construction methods. Coordinating any construction activity inside the **Tree Protection Zone** can minimize these impacts.

The following recommendations will help reduce impacts to trees from development and maintain and improve their health and vitality through the clearing, grading and construction phases.

Tree Protection Zone

1. **A SPECIFIED TREE PROTECTION ZONE** shall be identified for each tree to be preserved on the Tree Protection Plan prepared by the project arborist.
    a. Trees to be preserved growing in closely spaced groves can be fenced collectively.
    b. Tree protection fences shall be installed to encompass the **TREE PROTECTION ZONE.**
    c. 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 8-foot tall 2- inch diameter galvanized steel posts driven 24 inches into the ground, spaced no more than 10 feet apart. Posts may be installed into concrete blocks on pavement where no soil is available.
    d. Fences must be installed prior to beginning demolition and must remain until construction is complete.
    e. No grading, excavation, construction or storage or dumping of materials shall occur within the **TREE PROTECTION ZONE**.
    f. No underground services including utilities, sub-drains, water or sewer shall be placed in the **TREE PROTECTION ZONE**.

Design recommendations

1. 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.
2. Plot accurate locations of all trees to be preserved on all project plans. Identify the **TREE PROTECTION ZONE** for each tree. Focus on preserving trees that have high suitability for preservation.
3. For design purposes, the **TREE PROTECTION ZONE** shall be defined as the tree dripline. The limits of the **TREE PROTECTION ZONE** will be adjusted following review of final grading and construction plans. No grading, excavation, construction or storage of materials shall occur within that zone. No underground services including utilities, sub-drains, water or sewer shall be placed in the **TREE PROTECTION ZONE**.
4. Irrigation systems must be designed so that no trenching severs roots larger than 1” in diameter will occur within the **TREE PROTECTION ZONE**.
5. **Tree Preservation Guidelines** prepared by the Consulting Arborist, which include specifications for tree protection during demolition and construction, should be included on all plans.

6. Any herbicides placed under paving materials must be safe for use around trees and labeled for that use.
7. Do not lime the subsoil within 50' of any tree. Lime is toxic to tree roots.
8. Ensure adequate but not excessive water is supplied to trees; in most cases occasional irrigation will be required. Avoid directing runoff toward trees.

Pre-demolition and pre-construction treatments and recommendations

1. The demolition and construction superintendents shall meet with the Consulting Arborist before beginning work to review all work procedures, access routes, storage areas, and tree protection measures.
2. Prune trees to be preserved to clean the crown of dead branches 1 in. and larger in diameter, raise canopies as needed for construction activities.
    a. All pruning shall be done by a State of California Licensed Tree Contractor (C61/D49). All pruning shall be done by Certified Arborist or Certified Tree Worker in accordance with the Best Management Practices for Pruning (International Society of Arboriculture, 2002) and adhere to the most recent editions of the American National Standard for Tree Care Operations (Z133.1) and Pruning (A300).
    b. The Consulting Arborist will provide pruning specifications prior to site demolition.
    c. Branches extending into the work area that can remain following demolition shall be tied back and protected from damage.
3. 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.

Recommendations for tree protection during construction

1. Any approved grading, construction, demolition or other work within the **TREE PROTECTION ZONE** should be monitored by the Consulting Arborist; most notably, Monterey cypresses #491, 492, and 500, and turpentine tree #464.
2. All contractors shall conduct operations in a manner that will prevent damage to trees to be preserved.
3. Tree protection devices are to remain until all site work has been completed within the work area. Fences or other protection devices may not be relocated or removed without permission of the Consulting Arborist.
4. Any root pruning required for construction purposes shall receive the prior approval of and be supervised by the Consulting Arborist. Roots should be cut with a saw to provide a flat and smooth cut. Removal of roots larger than 2 in. in diameter should be avoided.
5. If roots 2 in. and greater in diameter are encountered during site work and must be cut to complete the construction, the Consulting Arborist must be consulted to evaluate effects on the health and stability of the tree and recommend treatment.
6. 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 Consulting Arborist may require first severing the major woody root mass before extracting the trees, or grinding the stump below ground.

7. Prior to grading or trenching, trees may require root pruning outside the **TREE PROTECTION ZONE.** Any root pruning required for construction purposes shall receive the prior approval of, and be supervised by, the Consulting Arborist.
8. Spoils from trench, footing, utility or other excavation shall not be placed within the **TREE PROTECTION ZONE**, neither temporarily nor permanently.
9. All grading within the dripline of trees shall be done using the smallest equipment possible. The equipment shall operate perpendicular to the tree and operate from outside the **TREE PROTECTION ZONE**. Any modifications must be approved and monitored by the Consulting Arborist.
10. 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 in.
11. If injury should occur to any tree during construction, it should be evaluated as soon as possible by the Consulting Arborist so that appropriate treatments can be applied.
12. No excess soil, chemicals, debris, equipment or other materials shall be dumped or stored within the **TREE PROTECTION ZONE**.
13. Any additional tree pruning needed for clearance during construction must be performed by a Certified Arborist and not by construction personnel.

Maintenance of impacted trees
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.

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

HortScience | Bartlett Consulting

Brenda Wong
Brenda Wong, Consulting Arborist and Urban Forester
ISA Certified Arborist WE12933A
ISA Tree Risk Assessment Qualified
ASCA Registerd

Attachments

Tree Assessment Form

Tree Risk Ratings

Tree Disposition

Tree Assessment Map

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Tree No.	Species	Trunk Diameter (in.)	Protected Tree?	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
101	Monterey cypress	55	N	3	Moderate	Multiple attachments 18'; slight lean NE.; crown recently reduced; north stem is a snag.
102	Monterey cypress	68	N	4	Moderate	Flat-topped; upright laterals; reduced N; for overhead utilities; base engulfing fence post; south stems removed.
103	Coast live oak	8,7	N	4	High	Codominant trunks arise from 3'; full crown branching to ground.
104	Coast live oak	6,4,4,3,3,3	N	4	High	Multiple stems arise at 1'; full crown branching to ground.
105	Coast live oak	4,4,4,3	N	4	High	Multiple attachments at 2'; full crown branching to ground.
106	Coast live oak	4,4,3,3	N	4	High	Multiple attachments at 2'; full crown branching to ground.
107	Coast live oak	6,5,4,3,3	N	3	Moderate	Multiple stems arise at base; crossing stems; full crown branching to ground.
108	Coast live oak	6,4,4,4,3	N	4	High	Multiple attachments at 3'; full crown branching to ground.
109	Coast live oak	8,3	N	3	Moderate	Codominant trunks arise from base with seam and included bark; full crown branching to ground.
110	Coast live oak	6,6,6,4,4	N	3	Moderate	Multiple attachments at base; and again at 4'; full crown branching to ground.
111	Coast live oak	7,6	N	4	High	Codominant trunks arise from 4' with wide attachment; full crown branching to ground.
112	Coast live oak	4	N	5	High	Good young tree.
113	Toyon	6	N	3	Moderate	Trunk wounds; one-sided crown; dense high crown.
114	Toyon	9	N	2	Low	Little live foliage.
115	Hopseed bush	7	N	3	Low	Trunk leans east; base outside drip line; codominant trunks arise from 6'; suppressed form.
117	River red gum	11,11,6	N	2	Low	Multiple stems at 1'; twig and branch dieback; topped.
118	Monterey cypress	45	N	4	Moderate	Lower lateral branches removed south; good upright form; dense crown.
119	Monterey cypress	38	N	3	Moderate	Surface roots; crowded crown; flat top; dense high crown.

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Tree No.	Species	Trunk Diameter (in.)	Protected Tree?	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
120	Monterey cypress	28	N	2	Low	No lower lateral branches up to ~30'; thin crown.
121	Monterey cypress	42	N	2	Low	Multiple crowded attachments at 4 feet; lower laterals removed north; high crown; twig and a branch die back.
122	Monterey cypress	31	N	2	Low	Decay in lower trunk; lateral branches removed to approximately 35 feet; high thin crown.
123	Monterey cypress	31	N	2	Low	Decay in root flare; lateral branches removed to approximately 25 feet; high one-sided crow.
124	Monterey cypress	46	N	3	Moderate	Typical upright form and structure; small twig and branch, die back; full crown; poor branch structure.
125	Monterey cypress	50	N	3	Moderate	Typical upright form and structure; multiple crowded attachments, high in crown; small twig and branch, die back; slightly thin crown.
126	Monterey cypress	18	N	3	Moderate	Lacks root flare; typical upright form in structure; suppressed west; dense crown.
127	Monterey cypress	46	N	2	Low	Trunk decay south; multiple crowded attachments at 7 feet; crown heavy north; dense high crown.
128	Monterey cypress	49	N	2	Low	Multiple crowded attachments at 4 feet; bark peeling north; poor branch structure; high crown.
129	Monterey pine	33	N	2	Low	Lacks root flare; trunk leans north; history of previous branch failures; thin high crown.
130	Monterey cypress	33	N	2	Low	Trunk leans north and correct; no lateral branches to approximately 25 feet; dense, one-sided crown north.
131	Monterey cypress	39	N	2	Low	Large laterals removed south; central leader sweeps north, correct; poor branch structure; dense high crown.
132	Monterey cypress	27	N	2	Low	Multiple credited attachments to approximately 8 feet; no laterals west; poor branch structure; high crown.
133	Monterey cypress	33	N	2	Low	Stem failed south; history of previous branch, failures, high and crown; poor structure; high dense crown.

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Tree No.	Species	Trunk Diameter (in.)	Protected Tree?	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
134	Monterey cypress	25	N	2	Low	No lateral branches north; poor branch structure; sheer crack in branch high in crown; dense upper crown.
135	Blue gum	16	N	2	Low	Crowded; suppressed north; thin crown; small twig and branch die back.
136	Blue gum	54	N	2	Low	Multiple large attachments at four and 10 feet; poor branch structure; thin crown; twig and branch die back.
137	Blue gum	10	N	2	Low	Suppressed under story tree; very thin crown.
138	Blue gum	18,11	N	2	Low	Suppressed under story tree; very thin crown.
139	Blue gum	44	N	3	Moderate	Fair form, structure; vase shaped; asymmetric east; small twig and branch dieback.
140	Crabapple	7,6,6	N	2	Low	Decay in lower trunk; multiple stems at base; history of previous branch failures; one sided south.
141	Blue gum	18,8	N	3	Low	Poor form and structure; foliage concentrated at branch tips.
142	Manna gum	37	N	3	Moderate	Multiple stems at approximately 4 feet; narrow union at 8’; slightly thin crown.
143	Lemon-scented gum	30,25,14	N	4	Moderate	Multiple attachments at 3 feet with narrow unions; history of previous branch failure; full crown.
144	Lemon-scented gum	19	N	4	Moderate	Codominant at 5 feet; good form; full crown.
145	Lemon-scented gum	14,10	N	3	Moderate	Codominant at 2 feet; foliage concentrated at branch tips; good color.
146	Flooded gum	10,10,8	N	2	Low	Multiple stems at 1 foot; north stems fused; crossing branches; suppressed west.
147	Flooded gum	8,7	N	2	Low	Codominant at 1 foot; suppressed south; good color.
148	Lemon-scented gum	28	N	1	Low	Main stem failed; one branch remaining; branch bows east.
149	Lemon-scented gum	42	N	4	High	Multiple crowded stems between 4-8 feet; full crown; good form.
150	Lemon-scented gum	8	N	2	Low	Crown heavy south; no lateral branches north; poor form and structure.

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Tree No.	Species	Trunk Diameter (in.)	Protected Tree?	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
151	Blue gum	60	N	2	Low	Poor form and structure; trunk decay; moderate tweaking branch, die back; thin crown.
152	Blue gum	25	N	3	Low	Multiple crowded attachments in approximately 10 feet; poor branch structure; slightly thin crown.
153	Blue gum	42,30	N	2	Low	Codominant at 1 foot; stems fused at 5 feet; crown heavy east; poor form and structure.
154	Blue gum	36	N	2	Low	Trunk leanes SE; poor form structure; slightly thin crown.
155	Coast redwood	41	N	5	High	Typical upright form and structure; full dense crown .
156	Coast redwood	38	N	5	High	Typical upright form and structure; full dense crown.
157	Purpleleaf plum	6,6,5,4,3	N	3	Low	Multiple stems at base; poor form and structure.
158	Swamp mahogany	11,10,8,6, 6,5	N	3	Low	Multiple stems at base; poor form and structure; dense, compact crown.
159	Monterey cypress	26	N	4	Moderate	Typical upright form and structure; history of previous branch failure; full, dense crown.
160	Monterey cypress	35	N	4	Moderate	Typical upright form and structure; history of previous branch failure; full, dense crown.
161	Monterey cypress	24	N	1	Low	Crack on northside from base to 5 feet; significant dieback; trunk leans south.
162	Monterey cypress	30,27,26	N	2	Low	Multiple stems at base; full wide-spreading crown; fungal, fruiting body; decay in cavity.
163	Swamp mahogany	12,7	N	2	Low	Codominant at base; suppressed north; thin crown.
164	Photinia	7	N	1	Low	Suppressed under story tree; little foliage.
165	Coast redwood	29	N	5	High	Typical upright form structure; full dense crown.
166	Purpleleaf plum	6,5,5	N	2	Low	Multiple fused, stems at base; cracks in branches; poor form and structure.
167	Plum	6,4,4,3	N	2	Low	Multiple stems at base; topped; poor form and structure.

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Tree No.	Species	Trunk Diameter (in.)	Protected Tree?	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
168	Bushy yate	10	N	2	Low	Codominant at 4 feet; fused branches at 7 feet; poor branch structure; thin crown.
169	Swamp mahogany	10,9,7,6	N	2	Low	Multiple stems at base; crowded; high crown.
170	Purpleleaf plum	7,6,4,4,2	N	2	Low	Multiple stems at base; suppressed; poor form and structure.
171	Coast redwood	40	N	5	High	Typical upright form structure; full dense crown.
172	Coast redwood	43	N	5	High	Typical upright form structure; full dense crown.
173	Monterey cypress	30	N	3	Low	Call dominant at approximately 6 feet with narrow union, stems fused; significant branch die back on West stem; poor branch structure; dense ground.
174	Monterey cypress	26	N	3	Low	Lateral branches removed north; poor branch structure; high crown.
175	Monterey cypress	28	N	2	Low	Large trunk wound north from base to 10 feet; poor form and structure; high crown.
176	Monterey cypress	33	N	2	Low	Crowded; significant lower branch, die back; thin crown.
177	Monterey cypress	22	N	2	Low	Crowded; significant lower branch, die back; thin crown.
178	Monterey cypress	18	N	2	Low	Crowded; significant lower branch, die back; thin crown.
179	Monterey cypress	42	N	2	Low	History of large branch failures; poor branch structure; sheer failure south; crossing branches.
180	Blue gum	14	N	2	Low	Main stem dead; stump sprouts; suppressed understory tree.
181	Monterey cypress	35	N	3	Low	Typical upright form and structure; one sided, high crown.
182	Monterey cypress	57	N	2	Low	History of large branch failures; codominant at 4 feet with narrow attachment; high crown.
183	Monterey cypress	37	N	2	Low	Crack north on tension side at base; trunk leanes south; one sided crown south.
184	Monterey cypress	26	N	2	Low	No lateral branches to approximately 30 feet; history of previous branch failure; significant die back; high crown.

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Tree No.	Species	Trunk Diameter (in.)	Protected Tree?	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
185	Monterey cypress	23	N	2	Low	No lateral branches to approximately 30 feet; history of previous branch failure; significant die back; high crown.
186	Monterey cypress	10	N	2	Low	Suppressed understory tree; decay in lower trunk; thin crown.
187	Monterey cypress	45	N	2	Low	Trunk sweeps south and corrects; codominant high and crown; crown heavy south; history of previous branch failures.
188	Monterey cypress	53	N	2	Low	Trunk sweeps south and corrects; crown heavy south; history of large previous branch failures.
189	Monterey cypress	30	N	2	Low	Poor form and structure; history of previous branch failures; crown heavy south.
190	Myoporum	8,7	N	2	Low	Multiple attachments at 1 foot; under story tree; thrip damage; crown heavy south.
191	Monterey cypress	20	N	2	Low	Multiple attachments at 8 feet; south lateral removed; poor form; high crown.
192	Monterey pine	36	N	2	Low	Extensive branch die back; needles concentrated at branch tips; crown heavy south.
193	Monterey pine	35	N	2	Low	Extensive branch, die back; needles concentrated at branch tips; crown heavy south.
194	Monterey cypress	50	N	2	Low	Codominant at 2 feet with narrow union; history of previous branch failures; crown heavy south.
195	Monterey cypress	36	N	2	Low	No lateral branches on north side; crown heavy south; poor branch structure; history of branch failures.
196	Blue gum	9,6	N	2	Low	Suppressed under story tree; codominant at 2 feet; crown heavy south.
197	Monterey cypress	69	N	3	Low	Cavity lower trunk north; history of previous branch failures; trunk leans slightly south east; dense, high crown.
198	Monterey pine	31	N	2	Low	Poor form and branch structure; history of previous branch failures; crown heavy south.

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Tree No.	Species	Trunk Diameter (in.)	Protected Tree?	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
199	Monterey cypress	20	N	2	Low	Trunk decay west; brown rot; suppressed understory tree; narrow form.
200	Monterey pine	30	N	2	Low	Codominant high in crown; trunk sweeps south then east; poor form & branch structure.
201	Monterey pine	18	N	0	Low	Standing dead.
202	Monterey cypress	38	N	3	Low	Upright form and structure; history of previous branch failure; full dense crown.
203	Monterey pine	37	N	2	Low	Trunk leans west; few lateral branches east; poor branch structure.
204	Monterey pine	27	N	2	Low	Poor form structure; crowded; crown heavy south and west; history of previous branch failures.
205	Monterey cypress	34	N	2	Low	Trunk leans east; crowded; dense crown; poor structure.
206	Monterey cypress	40	N	2	Low	Upright form; history of large branch failures; crown heavy south.
207	Monterey cypress	25	N	2	Low	No lateral branches to approximately 35 feet; history of branch failures; crowded; high crown.
208	Monterey cypress	14	N	1	Low	Three small lateral branches east.
209	Monterey cypress	38	N	2	Low	Poor form and structure; trunk bows significantly west; no branches east.
210	Monterey cypress	39	N	2	Low	Upright form; history of previous branch failures; poor branch structure.
211	Monterey cypress	21,18	N	2	Low	Codominant at 2 feet with seam; crown heavy west; history of previous branch failures.
212	Monterey cypress	24	N	2	Low	Upright form; crowded; history of previous branch failures; high crown.
213	Monterey cypress	34	N	2	Low	Upright form; crowded; history of previous branch failures; high crown.

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Tree No.	Species	Trunk Diameter (in.)	Protected Tree?	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
214	Monterey cypress	26	N	2	Low	Upright form; crowded; history of previous branch failures; crown heavy west.
215	Monterey cypress	22	N	2	Low	Upright form; crowded; history of previous branch failures; high crown.
216	Monterey cypress	29	N	2	Low	Upright form; crowded; history of previous branch failures; crown heavy west.
217	Monterey cypress	30	N	2	Low	Co-dominant at approximately 15 feet; history of previous branch failures; crowded high crown.
218	Monterey cypress	32	N	2	Low	Poor form and structure; laterals all on west side; dense, one-sided crown.
219	Monterey cypress	35	N	2	Low	Upright form; poor branch structure; crown heavy south; history of branch failures.
220	Monterey cypress	53	N	2	Low	Codominant at approximately 10 feet with narrow union; history of large branch failures; dense crown.
221	Monterey cypress	31	N	2	Low	Decay on surface roots downhill; codominant at approximately 10 feet; poor branch structure; high flat crown.
222	Monterey cypress	50	N	3	Low	Upright form; history of previous branch failures; high dense crown.
223	Monterey pine	21	N	4	Moderate	Upright form and structure; branching nearly to ground; minor needle die back; dense crown.
224	Monterey pine	9	N	4	Moderate	Upright form and structure; crowded; good color; crown heavy west.
225	Monterey pine	6	N	5	High	Good young tree.
226	Monterey pine	25	N	4	Moderate	Boring holes on trunk with significant Fras; upright form; multiple world branches at approximately 8 feet; dense crown.
227	Monterey cypress	9	N	5	Moderate	Good young tree.

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Tree No.	Species	Trunk Diameter (in.)	Protected Tree?	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
228	Monterey pine	8	N	5	Moderate	Trunk bows Southwest; crown heavy west; minor needle die back; branching to ground.
229	Monterey cypress	9	N	3	Moderate	Upright form; crowded; crown heavy west; dense crown.
230	Monterey cypress	7	N	2	Low	Crowded suppressed narrow form; thin crown.
231	Monterey cypress	7	N	3	Moderate	Slightly crowded; good upright form.
232	Monterey cypress	9	N	3	Moderate	Slightly crowded; good upright form.
233	Monterey cypress	8	N	3	Moderate	Slightly crowded; good upright form.
234	Monterey cypress	7	N	3	Moderate	Slightly crowded; good upright form.
235	Monterey cypress	10	N	3	Moderate	Slightly crowded; good upright form.
236	Monterey cypress	46	N	3	Moderate	Trunklines Northeast; crown heavy northeast; history of previous large branch failures; dense crown.
237	Monterey cypress	60	N	2	Low	Multiple attachments between 10 and 12 feet; hazard beam and torsion crack east; moderate branch die back; poor form.
238	Monterey cypress	70	N	4	Moderate	Multiple attachments between 6 and 12 feet; a sheer crack south branch; history of branch failures; full, dense crown.
239	Monterey cypress	93	N	4	Moderate	Multiple attachments at 8 feet; history of previous branch failures; full dense crown.
240	Monterey cypress	13	N	4	High	Multiple crowded attachments at 6 feet; full dense crown.
241	Torrey pine	10	N	5	High	Good young tree.
242	Monterey cypress	12	N	4	High	Multiple crowded attachments at 6 feet; full dense crown.
243	Monterey cypress	13	N	4	High	Multiple crowded attachments at 6 feet; full dense crown.
244	Japanese cheesewood	11	N	4	Moderate	Surface roots with mower damage; previous branch failure east; codominant at 5 feet; crown heavy south.
245	Monterey cypress	11	N	4	High	Multiple crowded attachments at 6 feet; full dense crown.
246	Spanish dagger	12	N	5	High	Brown trunk height, 6 feet; dead skirting ground to 6 feet; full dense crown.

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247	Monterey cypress	25	N	4	Moderate	Multiple whorled attachments at 6 feet; crown heavy southeast; full dense crown.
248	Monterey cypress	58	N	4	Moderate	Surface roots with mower damage; codominant at approximately 10 feet; 3 to 4 inch hanger northside; full dense crown.
249	Monterey cypress	16	N	3	Moderate	Upright narrow form; crowded; slightly thin crown.
250	Monterey cypress	18	N	4	Moderate	Good upright form; slightly crowded southeast; full dense crown.
251	Torrey pine	8	N	5	High	Good young tree.
252	Monterey cypress	14	N	4	High	Laterals removed to 5 feet; multiple crowded attachments at 5 feet; full dense ground.
253	Torrey pine	9	N	4	High	Sun scald West; trunk bows East then north and correct.
254	Monterey cypress	13	N	4	High	Laterals removed to 4 feet; multiple crowded attachments at 4 feet; full dense ground.
255	Monterey cypress	15	N	4	High	Laterals removed to 4 feet; multiple crowded attachments at 4 feet; full dense ground.
256	Monterey cypress	12	N	3	Moderate	Trunklines heavily east than correct; dense crown.
257	Torrey pine	10	N	4	High	Multiple attachments at 5 feet; full dense crown.
258	Monterey cypress	13	N	4	High	Laterals removed to 5 feet; multiple crowded attachments at 5 feet; full dense crown.
259	Monterey cypress	11	N	4	High	Laterals removed to 5 feet; trunk leans southeast; multiple crowded attachments at 5 feet; full dense crown.
260	Italian buckthorn	11,11	N	3	Low	Codominant at 1 foot with narrow attachment; branches cross at 5 feet and fuse; twig and branch die back.
261	Monterey cypress	13	N	4	High	Laterals removed to 5 feet; trunk leans slightly southeast; multiple crowded attachments at 5 feet; full dense crown.
262	Monterey pine	63	N	3	Low	Multiple large attachments at approximately 10 feet; prone south for utility lines; significant branch, die back; needles concentrated at branch tips.

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Tree No.	Species	Trunk Diameter (in.)	Protected Tree?	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
281	Blue gum	27	N	2	Low	Trunk leans North; crown hung up in adjacent tree north; poor form; twig and branch die back.
401	Blackwood acacia	15	N	3	Low	Leans SE.; history of branch failures.
402	Blackwood acacia	12	N	2	Low	Leans E.; declining.
403	Blackwood acacia	9	N	2	Low	Windswept SE.; small crown.
404	Blackwood acacia	19	N	3	Moderate	Multiple attachments at 10'; windswept SE.
405	Blackwood acacia	12	N	2	Low	Leans E.; very sparse crown.
406	Blackwood acacia	17	N	3	Low	Ganoderma; multiple trunks arise from base E.; basal swelling; dead branches to 3".
407	Blackwood acacia	20,13,13,12,5	N	3	Low	Multiple attachments at base; weak attachments; one stem forms lateral S.
408	Blackwood acacia	26	N	2	Low	Codominant trunks at 5'; one stem topped; narrow form; dieback in topped stems.
409	Blackwood acacia	16,16	N	3	Low	Codominant trunks at 2'; wide attachment; poor form; dieback.
410	Blackwood acacia	28	N	3	Low	Codominant trunks at 2'; wide attachment; long laterals E; & W.
411	Blackwood acacia	29	N	2	Low	Codominant trunks at 4'; leaning & one sided E.; moderate dieback.
415	River red gum	15,12,11,8	N	2	Low	Multiple stems at base; one sided SW.; topped for overhead utilities; partial branch failure.
416	Monterey cypress	55	N	3	Low	Multiple crowded attachments at ~10'; one-sided to W.; pruned for overhead utilities; branch dieback.
417	Monterey cypress	42	N	4	Moderate	Slight lean SW; history of previous branch failure; minor dieback.
418	Monterey cypress	38	N	3	Moderate	Slight lean NE.; stems removed at 8'; moderate dieback; history of branch failures.
419	Monterey cypress	40	N	3	Moderate	Very one sided E.; a little sparse.
420	Monterey cypress	34	N	3	Low	Codominant trunks in upper crown; stems cross; poor structure.

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421	Monterey cypress	60	N	3	Moderate	One sided SE.; good tree; moderate dieback.
426	Blue gum	80	N	3	Moderate	Multiple attachments at 15’; windswept E.; dead branches to 2”.
427	Monterey cypress	60	N	3	Moderate	Multiple attachments at 20’; upright form; history of branch failures; dead branches to 6”.
429	Blue gum	68	N	3	Moderate	Multiple attachments at 20’; windswept E.; epicormics; dead branches to 2”.
430	Monterey cypress	65	N	3	Low	Stem removed N; w/ decay column below; one sided W.; sparse crown.
432	Blue gum	66	N	3	Moderate	Multiple attachments at 15’; good form; twig dieback.
433	Monterey cypress	54	N	4	High	Multiple attachments at 6’; good form and structure; a little sparse.
434	Monterey cypress	60	N	3	Moderate	Multiple attachments at 6’; upright form with narrow attachments; a little sparse.
435	Monterey cypress	49	N	3	Moderate	One sided SW.; laterals over path; a little sparse.
436	Monterey cypress	62	N	3	Low	Multiple attachments at 6’; upright; narrow form with crack in seam below attachment; small hangers/dead branches.
437	Monterey pine	41	N	3	Moderate	High, sparse crown; corrected lean SE.; dead branches to 6".
439	Monterey pine	42	N	3	Low	High crown; history of branch failures; dead branches to 5”; trunk has s-curve high in crown; one-sided east.
440	Monterey cypress	45	N	4	Moderate	Multiple attachments at 10’; upright, narrow form; laterals S; over path reduced.
441	Monterey cypress	69	N	4	Moderate	Multiple attachments at 5’; upright form; E stem bowed away from others; displaced v-ditch 6”.
442	Monterey cypress	54	N	3	Moderate	Crowded; heavy lean W.; reduced S; over path.
443	Monterey cypress	85	N	3	Moderate	Multiple attachments at 15’ with narrow attachments; upright form; history of branch failures; small laterals.
444	Monterey cypress	62	N	3	Moderate	Multiple attachments at 8’; crowded & one sided N.

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Tree No.	Species	Trunk Diameter (in.)	Protected Tree?	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
445	Monterey cypress	50	N	3	Moderate	Multiple attachments at 12’; crowded; narrow form; lateral NE; bowed.
446	Monterey cypress	46	N	3	Moderate	Crowded; very one sided S.; sparse crown.
447	Monterey cypress	38	N	2	Low	High crown; very sparse crown.
448	Monterey cypress	54	N	4	Moderate	Multiple attachments at 20’; narrow attachments; crowded & one sided S.
449	Monterey cypress	55	N	3	Moderate	Crowded; one sided E.; moderate dieback; history of branch failures.
450	Blue gum	63	N	4	Moderate	Multiple attachments at 10’; one sided S.; laterals S; reduced; twig dieback.
451	Monterey cypress	46	N	3	Low	Multiple attachments at 15’; good form; sparse crown; reduced; extensive dieback.
453	Colorado blue spruce	18	N	3	Moderate	Good form and structure; small girdling roots; significant twig dieback; lawn is excessively wet.
454	Monterey cypress	18,12	N	3	Moderate	On slope; crowded & one sided NW.
455	Monterey cypress	10	N	3	Low	On slope; upright form; crowded.
456	Monterey cypress	15	N	2	Low	On slope; upright, narrow form; suppressed; moderate branch dieback.
457	Monterey cypress	18	N	2	Low	On slope; lost top; very one sided W.
458	Monterey cypress	10	N	2	Low	On slope; lost top; small crown.
459	Monterey cypress	14	N	2	Low	On slope; heavily suppressed.
460	Monterey cypress	16	N	2	Low	On slope; crowded & one sided W.
461	Monterey cypress	10	N	2	Low	On slope; crowded; narrow form.
462	Monterey cypress	9	N	2	Low	On slope; crowded; narrow form.
463	Monterey cypress	9	N	3	Moderate	On slope; crowded; dense, one sided crown W.
464	Turpentine tree	18,12,8	N	4	Moderate	Multiple attachments at 3’; full, dense crown.

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466	Monterey cypress	36	N	3	Moderate	Multiple attachments at 10'; one sided W.; reduced on E.
467	Monterey cypress	37	N	4	Moderate	Good form; recent branch failure E.; small hangers.
468	Monterey cypress	23	N	2	Low	Crowded; one sided SW.; sparse crown; suppressed on N.; extensive dieback.
469	Monterey pine	51	N	2	Low	Codominant trunks at 30'; several long laterals removed; high crown; dieback.
470	Turpentine tree	10	N	2	Low	Suppressed; crown bowed N.; small trunk wound.
471	Monterey cypress	21	N	5	High	Good form and structure; a little sparse.
472	Monterey cypress	24	N	5	High	Good form and structure.
473	Monterey cypress	28	N	5	High	Good form and structure; small broken branches.
474	Monterey cypress	20	N	4	High	Good form and structure; history of branch failures on W.
476	Monterey cypress	58	N	3	Moderate	High crown; heavy laterals N; & W.; corrected form.
478	Monterey cypress	27	N	2	Low	Small crown; one sided W.; heavy lateral W.; poor structure.
481	Monterey cypress	37	N	3	Low	Crown is formed by one lateral; leans W.
482	Monterey cypress	20	N	2	Low	Crowded, narrow form.
483	Monterey cypress	17	N	2	Low	One stem removed; decay in lower trunk; what's left is one sided W.
484	Monterey cypress	34	N	2	Low	Narrow form; extensive dieback.
485	Monterey cypress	52	N	4	Moderate	Good upright form; heavy laterals over parking.
486	Monterey cypress	50	N	3	Low	Codominant trunks at 10'; upright form with narrow attachments.
487	Blue gum	70	N	3	Moderate	Multiple attachments at 15'; heavily reduced; Sulphur fungus at base.
488	Monterey cypress	52	N	4	Moderate	Good form and structure; basal wounds E.; laterals reduced; history of branch failures.
489	Monterey cypress	51	N	3	Moderate	High, small crown; heavily reduced S.
490	Monterey cypress	28	N	5	High	Good form and structure.

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Tree No.	Species	Trunk Diameter (in.)	Protected Tree?	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
491	Monterey cypress	22,8,5,5	N	3	Moderate	Multiple attachments 5'; crowded narrow form.
492	Monterey cypress	30	N	5	High	Good upright form.
493	Monterey cypress	11	N	3	Low	Partial failure; sweeps NE; from base.
494	Monterey cypress	29	N	5	High	Good form and structure; crowded attachments in lower crown.
495	Blue gum	74	N	4	Moderate	Multiple attachments at 15'; spreading form; minor twig dieback.
496	Blue gum	67	N	3	Moderate	Codominant trunks at 15'; one-sided NE; dead branches to 7"; moderate dieback.
497	Blue gum	53	N	3	Moderate	Codominant trunks at 10'; narrow form; long lateral SW.; twig dieback; one-sided E.
498	Monterey pine	54	N	3	Moderate	Narrow form; long laterals W.; minor dieback; high crown.
499	Monterey cypress	32	N	4	High	Good form and structure; a little crowded by #498.
500	Monterey cypress	25	N	3	Moderate	Small crown; basal cavity W.; moderate dieback.
501	Blue gum	56	N	3	Moderate	Multiple attachments at 10'; crowded; leaning & one sided N.; twig dieback.
502	Blue gum	78	N	3	Moderate	High crown; cavity at 10' N.; long, heavy laterals E; over path.
503	Blue gum	74	N	2	Low	Multiple attachments at 25'; wounds & decay on lower trunk; extensive dieback.
504	Monterey cypress	26	N	4	Moderate	Crowded; one sided E.
505	Monterey pine	51	N	2	Low	High, asymmetric crown; dieback; stems fused together with seam below attachment.
506	Monterey cypress	24	N	3	Moderate	Crowded; narrow form.
507	Monterey pine	46	N	2	Low	Poor form with narrow attachments; extensive dieback.
508	Monterey cypress	28	N	3	Moderate	High crown; crowded; leans E.; a little sparse; cavity with decay on W.; crown lifted.
509	Monterey cypress	29	N	4	Moderate	Crowded; one sided E.; low laterals; minor dieback.
510	Monterey cypress	41	N	3	Moderate	Multiple attachments at 10'; one sided W.; heavy laterals.

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Tree No.	Species	Trunk Diameter (in.)	Protected Tree?	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
511	Monterey cypress	31	N	3	Moderate	Narrow, asymmetric form; lost top; one sided W.; laterals.
512	Monterey pine	41	N	2	Low	Codominant trunks at 15’; high crown; one sided E.; extensive dieback.
513	Monterey cypress	25	N	4	Moderate	Narrow, upright form.
514	Monterey cypress	26	N	3	Low	Suppressed; lost top; asymmetric form.
515	Blue gum	77	N	3	Low	Codominant trunks at 10’; vase shape form; extensive dieback.
516	Monterey cypress	30	N	3	Moderate	Crowded; leaning & one sided E.; a little sparse.
517	Monterey cypress	24	N	4	High	Crowded; slight lean & one sided E.
518	Blue gum	43	N	2	Low	Slight lean E.; reduced W.; extensive dieback.
519	Blue gum	43	N	2	Low	Slight lean E.; topped; poor form and structure; extensive dieback.
520	Blue gum	43	N	3	Low	Narrow form; moderate dieback; codominant high in crown.
521	Monterey cypress	47	N	3	Moderate	Codominant trunks at 12’; one sided E.; laterals reduced over path; history of branch failures.
522	Monterey cypress	50	N	3	Low	Lost top; very one sided SE.
523	Blue gum	45	N	3	Moderate	Multiple attachments at 30’; leans & one sided SW.; moderate dieback.
524	Blue gum	37	N	3	Moderate	Multiple attachments at 20’; narrow form; moderate dieback.
525	Blue gum	41	N	3	Low	Codominant trunks at 20’; high crown; laterals E.; moderate dieback; top bows E.
526	Blue gum	35	N	2	Low	Small crown; all weight W; over ball field; extensive dieback.
527	Blue gum	31	N	2	Low	Poor form and structure; only laterals E; remain.
528	Blue gum	37	N	3	Low	Growing at top of wall; pillowing over wall; sulfur fungus where stem removed E.
529	Blue gum	42	N	3	Moderate	Multiple attachments at 15’; narrow form; slight lean E.
530	Blue gum	42	N	3	Moderate	Multiple attachments at 10’; leans E.; reduced W.

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Tree No.	Species	Trunk Diameter (in.)	Protected Tree?	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
531	Blue gum	20	N	2	Low	Codominant trunks at 6’; one stem topped; poor form; girdling root.
532	Blue gum	40	N	3	Moderate	Multiple attachments at 15’; leaning & one sided E.; large surface root.
533	Blue gum	27	N	3	Low	Crowded; leans NE.; poor form.
534	Blue gum	30	N	2	Low	Codominant trunks at 10’; leans E.; poor form.
535	Blue gum	41	N	3	Moderate	Codominant trunks at 12’; slight lean E.; narrow form; twig dieback.
536	Blue gum	25	N	2	Low	Crowded; very one sided E.; poor form; large surface root.
537	Blue gum	38	N	3	Moderate	Codominant trunks at 15’; slight lean E.; upright, narrow form; twig dieback; base growing against curb W.
538	Blue gum	37	N	3	Low	Multiple attachments at 15’; one sided E.; stems fused; twig dieback.
539	Blue gum	28	N	3	Low	Crowded; poor form; dieback.
540	Blue gum	47,34	N	3	Moderate	Codominant trunks at 4’; one sided E.; basal cavities; twig dieback; base growing against curb W.
542	Blue gum	40	N	3	Low	Multiple attachments at 15’; one sided E.; long laterals; twig dieback.
543	Blue gum	24	N	2	Low	Crowded; narrow form; extensive dieback.
544	Blue gum	22	N	2	Low	Crowded; upright, narrow form; dieback.
545	Blue gum	38	N	3	Moderate	Codominant trunks at 15’; one stem upright; one stem forms lateral W; over courts.
546	Blue gum	21	N	2	Low	Crowded; leans E.; poor form.
547	Blue gum	42,29	N	3	Moderate	Codominant at base; large stem upright and good; other stems suppressed; leaning E; & poor.
548	Blue gum	24	N	2	Low	Crowded; narrow form; extensive dieback.

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Tree No.	Species	Trunk Diameter (in.)	Protected Tree?	Condition 1=poor 5=excellent	Suitability for Preservation	Comments
549	Blue gum	48	N	3	Moderate	Codominant trunks at 20’; high crown; slight lean NE.; small dead branches N.
553	Blue gum	30	N	3	Moderate	Codominant trunks at 8’; narrow form; reduced W.
555	Blue gum	35	N	3	Low	Codominant trunks at 12’; poor form; dieback.
556	Blue gum	37	N	2	Low	Codominant trunks at 8’; one sided E.; poor form; sulfur fungus at base S.; dieback; epicormic growth.
557	Blue gum	55	N	3	Moderate	Codominant trunks at 6’; narrow form; dieback; heavily pruned for light standard; moderate dieback.
561	Myoporum	22	N	3	Moderate	Multiple attachments at 7’; dense crown; basal cavity.
565	Olive	8	N	4	High	Leans SE.; trunk bows at 4'.
566	Olive	10	N	4	Moderate	Full, dense crown bowed S.
567	Monterey cypress	46	N	4	High	Good form and structure; low laterals E.; hazard beam crack in lower branch over building.
680	Monterey cypress	33	N	5	High	Good upright form; dense crown; on slope
681	Monterey cypress	30	N	3	Low	Multiple stems at 15’ with seam; poor form and structure; on slope; crown heavy N
682	Lemonwood	11,9,6	N	3	Low	Multiple stems arise at base; poor structure; full dense crown
683	Crabapple	9,6,4	N	4	Moderate	Multiple stems arise at base; round crown; vigorous new bud growth
684	Monterey cypress	28	N	2	Low	No tag; on slope; No central leader, significant twig and branch dieback
685	Monterey cypress	34	N	3	Low	No tag; on slope; history of previous branch failures; poor branch structure; dense crown
686	Monterey cypress	38	N	3	Low	No tag; on slope; history of previous branch failures; multiple attachments at 15’; 2 main stems fused; dense high crown

Tree Risk Ratings

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Tree No.	Species	Trunk Diameter (in.)	Condition 1=poor 5=excellent	Most likely failure	Target	Failure potential	Size of part	Target rating	Sum
101	Monterey cypress	55	3	Branch	Sidewalk/designated trail	2	2	2	6
102	Monterey cypress	68	4	Branch	Sidewalk/designated trail	2	3	2	7
103	Coast live oak	8,7	4	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
104	Coast live oak	6,4,4,3,3,3	4	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
105	Coast live oak	4,4,4,3	4	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
106	Coast live oak	4,4,3,3	4	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
107	Coast live oak	6,5,4,3,3	3	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
108	Coast live oak	6,4,4,4,3	4	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
109	Coast live oak	8,3	3	Branch	Trail, unpaved social	1	1	1	3
110	Coast live oak	6,6,6,4,4	3	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
111	Coast live oak	7,6	4	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
112	Coast live oak	4	5	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
113	Toyon	6	3	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
114	Toyon	9	2	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
115	Hopseed	7	3	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
117	River red gum	11,11,6	2	Branch	Sidewalk/designated trail	1	1	2	4
118	Monterey cypress	45	4	Branch	Sidewalk/designated trail	1	2	2	5
119	Monterey cypress	38	3	Branch	Sidewalk/designated trail	1	2	2	5
120	Monterey cypress	28	2	Branch	Sidewalk/designated trail	1	1	2	4
121	Monterey cypress	42	2	Branch	Sidewalk/designated trail	1	2	2	5
122	Monterey cypress	31	2	Branch	Sidewalk/designated trail	1	2	2	5
123	Monterey cypress	31	2	Branch	Trail, unpaved social	1	2	1	4
124	Monterey cypress	46	3	Branch	Trail, unpaved social	2	2	1	5
125	Monterey cypress	50	3	Branch	Trail, unpaved social	2	2	1	5
126	Monterey cypress	18	3	Branch	Trail, unpaved social	1	1	1	3
127	Monterey cypress	46	2	Branch	Trail, unpaved social	2	2	1	5
128	Monterey cypress	49	2	Branch	Trail, unpaved social	2	2	1	5
129	Monterey pine	33	2	Whole tree	Trail, unpaved social	2	4	1	7
130	Monterey cypress	33	2	Branch	Trail, unpaved social	2	2	1	5
131	Monterey cypress	39	2	Branch	Trail, unpaved social	2	2	1	5
132	Monterey cypress	27	2	Branch	Trail, unpaved social	2	2	1	5
133	Monterey cypress	33	2	Branch	Trail, unpaved social	2	2	1	5

134	Monterey cypress	25	2	Branch	Trail, unpaved social	2	2	1	5
135	Blue gum	16	2	Branch	Sidewalk/designated trail	2	1	2	5
136	Blue gum	54	2	Branch	Sidewalk/designated trail	2	2	2	6
137	Blue gum	10	2	Branch	Sidewalk/designated trail	2	1	2	5
138	Blue gum	18,11	2	Branch	Sidewalk/designated trail	2	1	2	5
139	Blue gum	44	3	Branch	Sidewalk/designated trail	2	2	2	6
140	Crabapple	7,6,6	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	1	1	4
141	Blue gum	18,8	3	Branch	Trail, unpaved social	2	2	1	5
142	Manna gum	37	3	Branch	Trail, unpaved social	2	2	1	5
143	Lemon scented gum	30,25,14	4	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
144	Lemon scented gum	19	4	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
145	Lemon scented gum	14,10	3	Branch	Lawn, garden, greenspace, landscape, hardscape	2	1	1	4
146	Gum	10,10,8	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	1	1	4
147	Flooded gum	8,7	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	1	1	4
148	Lemon scented gum	28	1	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
149	Lemon scented gum	42	4	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
150	Lemon scented gum	8	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	1	1	4
151	Blue gum	60	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
152	Blue gum	25	3	Branch	Sidewalk/designated trail	2	2	2	6
153	Blue gum	42,30	2	Branch	Sidewalk/designated trail	2	2	2	6
154	Blue gum	36	2	Branch	Sidewalk/designated trail	2	2	2	6
155	Coast redwood	41	5	Branch	Lawn, garden, greenspace, landscape, hardscape	2	1	1	4
156	Coast redwood	38	5	Branch	Lawn, garden, greenspace, landscape, hardscape	2	1	1	4
157	Purpleleaf plum	6,6,5,4,3	3	Stem	Lawn, garden, greenspace, landscape, hardscape	2	1	1	4
158	Swamp mahogany	11,10,8,6,6,5	3	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
159	Monterey cypress	26	4	Branch	Lawn, garden, greenspace, landscape, hardscape	2	1	1	4
160	Monterey cypress	35	4	Branch	Lawn, garden, greenspace, landscape, hardscape	2	1	1	4
161	Monterey cypress	24	1	Whole tree	Lawn, garden, greenspace, landscape, hardscape	4	1	1	6
162	Monterey cypress	30,27,26	2	Stem	Paved multi-use play area or skate park	2	3	3	8
163	Swamp mahogany	12,7	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	1	1	4
164	Photinia	7	1	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
165	Coast redwood	29	5	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
166	Purpleleaf plum	6,5,5	2	Stem	Lawn, garden, greenspace, landscape, hardscape	2	1	1	4
167	Plum	6,4,4,3	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	1	1	4
168	Bushy yate	10	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	1	1	4
169	Swamp mahogany	10,9,7,6	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	1	1	4
170	Purpleleaf plum	7,6,4,4,2	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	1	1	4
171	Coast redwood	40	5	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
172	Coast redwood	43	5	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
173	Monterey cypress	30	3	Branch	Sidewalk/designated trail	2	1	2	5

174	Monterey cypress	26	3	Branch	Sidewalk/designated trail	2	1	2	5
175	Monterey cypress	28	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	1	1	4
176	Monterey cypress	33	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	1	1	4
177	Monterey cypress	22	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	1	1	4
178	Monterey cypress	18	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	1	1	4
179	Monterey cypress	42	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	1	1	4
180	Blue gum	14	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	1	1	4
181	Monterey cypress	35	3	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
182	Monterey cypress	57	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
183	Monterey cypress	37	2	Whole tree	Lawn, garden, greenspace, landscape, hardscape	3	4	1	8
184	Monterey cypress	26	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
185	Monterey cypress	23	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
186	Monterey cypress	10	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	1	1	4
187	Monterey cypress	45	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
188	Monterey cypress	53	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
189	Monterey cypress	30	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
190	My prim	8,7	2	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
191	Monterey cypress	20	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
192	Monterey pine	36	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
193	Monterey pine	35	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
194	Monterey cypress	50	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
195	Monterey cypress	36	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
196	Blue gum	9,6	2	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
197	Monterey cypress	69	3	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
198	Monterey pine	31	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
199	Monterey cypress	20	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	1	1	4
200	Monterey pine	30	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
201	Monterey pine	18	0	Stem	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
202	Monterey cypress	38	3	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
203	Monterey pine	37	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
204	Monterey pine	27	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
205	Monterey cypress	34	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
206	Monterey cypress	40	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
207	Monterey cypress	25	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
208	Monterey cypress	14	1	Branch	Lawn, garden, greenspace, landscape, hardscape	2	1	1	4
209	Monterey cypress	38	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
210	Monterey cypress	39	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
211	Monterey cypress	21,18	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
212	Monterey cypress	24	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
213	Monterey cypress	34	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5

214	Monterey cypress	26	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
215	Monterey cypress	22	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
216	Monterey cypress	29	2	Branch	Trail, unpaved social	2	2	1	5
217	Monterey cypress	30	2	Branch	Sidewalk/designated trail	2	2	2	6
218	Monterey cypress	32	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
219	Monterey cypress	35	2	Branch	Sidewalk/designated trail	2	2	2	6
220	Monterey cypress	53	2	Branch	Sidewalk/designated trail	2	2	2	6
221	Monterey cypress	31	2	Branch	Sidewalk/designated trail	2	2	2	6
222	Monterey cypress	50	3	Branch	Sidewalk/designated trail	2	2	2	6
223	Monterey pine	21	4	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
224	Monterey pine	9	4	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
225	Monterey pine	6	5	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
226	Monterey pine	25	4	Branch	Lawn, garden, greenspace, landscape, hardscape	1	2	1	4
227	Monterey cypress	9	5	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
228	Monterey pine	8	5	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
229	Monterey cypress	9	3	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
230	Monterey cypress	7	2	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
231	Monterey cypress	7	3	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
232	Monterey cypress	9	3	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
233	Monterey cypress	8	3	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
234	Monterey cypress	7	3	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
235	Monterey cypress	10	3	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
236	Monterey cypress	46	3	Branch	Sidewalk/designated trail	2	2	2	6
237	Monterey cypress	60	2	Branch	Sidewalk/designated trail	2	2	2	6
238	Monterey cypress	70	4	Branch	uilding -- bathroom, concession, field house, parking garag	2	2	2	6
239	Monterey cypress	93	4	Branch	uilding -- bathroom, concession, field house, parking garag	2	2	2	6
240	Monterey cypress	13	4	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
241	Torrey pine	10	5	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
242	Monterey cypress	12	4	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
243	Monterey cypress	13	4	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
244	Tobira	11	4	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
245	Monterey cypress	11	4	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
246	Giant Spanish dagger	12	5	Whole tree	Lawn, garden, greenspace, landscape, hardscape	1	2	1	4
247	Monterey cypress	25	4	Branch	Lawn, garden, greenspace, landscape, hardscape	1	2	1	4
248	Monterey cypress	58	4	Branch	Sidewalk/designated trail	2	2	2	6
249	Monterey cypress	16	3	Branch	Sidewalk/designated trail	2	1	2	5
250	Monterey cypress	18	4	Branch	Lawn, garden, greenspace, landscape, hardscape	2	1	1	4
251	Torrey pine	8	5	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
252	Monterey cypress	14	4	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
253	Torrey pine	9	4	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3

254	Monterey cypress	13	4	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
255	Monterey cypress	15	4	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
256	Monterey cypress	12	3	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
257	Torrey pine	10	4	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
258	Monterey cypress	13	4	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
259	Monterey cypress	11	4	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
260	Buckthorn	11,11	3	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
261	Monterey cypress	13	4	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
262	Monterey pine	63	3	Branch	Sidewalk/designated trail	2	2	2	6
281	Blue gum	27	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
401	Blackwood acacia	15	3	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
402	Blackwood acacia	12	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
403	Blackwood acacia	9	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	1	1	4
404	Blackwood acacia	19	3	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
405	Blackwood acacia	12	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	1	1	4
406	Blackwood acacia	17	3	Branch	Lawn, garden, greenspace, landscape, hardscape	2	1	1	4
407	Blackwood acacia	20,5,13,13,12	3	Branch	Parking -- lot	2	2	3	7
408	Blackwood acacia	26	2	Branch	Parking -- lot	2	2	3	7
409	Blackwood acacia	16,16	3	Branch	Parking -- lot	2	2	3	7
410	Blackwood acacia	28	3	Branch	Parking -- lot	2	2	3	7
411	Blackwood acacia	29	2	Branch	Parking -- lot	2	2	3	7
415	River red gum	15,12,11,8	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	1	1	4
416	Monterey cypress	55	3	Branch	Sidewalk/designated trail	2	2	2	6
417	Monterey cypress	42	4	Branch	Sidewalk/designated trail	2	2	2	6
418	Monterey cypress	38	3	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
419	Monterey cypress	40	3	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
420	Monterey cypress	34	3	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
421	Monterey cypress	60	3	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
426	Blue gum	80	3	Branch	Sidewalk/designated trail	2	2	2	6
427	Monterey cypress	60	3	Branch	Sidewalk/designated trail	2	2	2	6
429	Blue gum	68	3	Branch	Sidewalk/designated trail	2	2	2	6
430	Monterey cypress	65	3	Branch	Bench	2	2	2	6
432	Blue gum	66	3	Branch	Sidewalk/designated trail	2	2	2	6
433	Monterey cypress	54	4	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
434	Monterey cypress	60	3	Branch	Sidewalk/designated trail	2	2	2	6
435	Monterey cypress	49	3	Branch	Sidewalk/designated trail	2	2	2	6
436	Monterey cypress	62	3	Branch	Sidewalk/designated trail	2	2	2	6
437	Monterey pine	41	3	Branch	Sidewalk/designated trail	2	2	2	6
439	Monterey pine	42	3	Branch	Sidewalk/designated trail	2	2	2	6
440	Monterey cypress	45	4	Branch	Sidewalk/designated trail	2	2	2	6

441	Monterey cypress	69	4	Branch	Sidewalk/designated trail	2	2	2	6
442	Monterey cypress	54	3	Branch	Sidewalk/designated trail	2	2	2	6
443	Monterey cypress	85	3	Branch	Sidewalk/designated trail	2	2	2	6
444	Monterey cypress	62	3	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
445	Monterey cypress	50	3	Branch	Sidewalk/designated trail	2	2	2	6
446	Monterey cypress	46	3	Branch	Sidewalk/designated trail	2	2	2	6
447	Monterey cypress	38	2	Branch	Sidewalk/designated trail	2	2	2	6
448	Monterey cypress	54	4	Branch	Sidewalk/designated trail	2	2	2	6
449	Monterey cypress	55	3	Branch	Sidewalk/designated trail	2	2	2	6
450	Blue gum	63	4	Branch	Sidewalk/designated trail	2	2	2	6
451	Monterey cypress	46	3	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
453	Blue spruce	18	3	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
454	Monterey cypress	18,12	3	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
455	Monterey cypress	10	3	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
456	Monterey cypress	15	2	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
457	Monterey cypress	18	2	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
458	Monterey cypress	10	2	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
459	Monterey cypress	14	2	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
460	Monterey cypress	16	2	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
461	Monterey cypress	10	2	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
462	Monterey cypress	9	2	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
463	Monterey cypress	9	3	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
464	Turpentine tree	18,12,8	4	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
466	Monterey cypress	36	3	Branch	Sidewalk/designated trail	2	2	2	6
467	Monterey cypress	37	4	Branch	Sidewalk/designated trail	2	2	2	6
468	Monterey cypress	23	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
469	Monterey pine	51	2	Branch	Sidewalk/designated trail	2	2	2	6
470	Turpentine tree	10	2	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
471	Monterey cypress	21	5	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
472	Monterey cypress	24	5	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
473	Monterey cypress	28	5	Branch	Sidewalk/designated trail	2	1	2	5
474	Monterey cypress	20	4	Branch	Lawn, garden, greenspace, landscape, hardscape	2	1	1	4
476	Monterey cypress	58	3	Branch	Parking -- lot	2	2	3	7
478	Monterey cypress	27	2	Branch	Parking -- lot	2	2	3	7
481	Monterey cypress	37	3	Branch	Parking -- lot	2	2	3	7
482	Monterey cypress	20	2	Branch	Parking -- lot	2	1	3	6
483	Monterey cypress	17	2	Branch	Parking -- lot	2	1	3	6
484	Monterey cypress	34	2	Branch	Parking -- lot	2	2	3	7
485	Monterey cypress	52	4	Branch	Parking -- lot	2	2	3	7
486	Monterey cypress	50	3	Branch	Parking -- lot	2	2	3	7

487	Blue gum	70	3	Branch	Sidewalk/designated trail	2	2	2	6
488	Monterey cypress	52	4	Branch	Sidewalk/designated trail	2	2	2	6
489	Monterey cypress	51	3	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
490	Monterey cypress	28	5	Branch	Lawn, garden, greenspace, landscape, hardscape	2	1	1	4
491	Monterey cypress	22,8,5,5	3	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
492	Monterey cypress	30	5	Branch	Sidewalk/designated trail	2	1	2	5
493	Monterey cypress	11	3	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
494	Monterey cypress	29	5	Branch	Lawn, garden, greenspace, landscape, hardscape	1	1	1	3
495	Blue gum	74	4	Branch	Sidewalk/designated trail	2	2	2	6
496	Blue gum	67	3	Branch	Sidewalk/designated trail	2	2	2	6
497	Blue gum	53	3	Branch	Sidewalk/designated trail	2	2	2	6
498	Monterey pine	54	3	Branch	Sidewalk/designated trail	2	2	2	6
499	Monterey cypress	32	4	Branch	Sidewalk/designated trail	2	2	2	6
500	Monterey cypress	25	3	Branch	Sidewalk/designated trail	2	1	2	5
501	Blue gum	56	3	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
502	Blue gum	78	3	Branch	Sidewalk/designated trail	2	2	2	6
503	Blue gum	74	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
504	Monterey cypress	26	4	Branch	Lawn, garden, greenspace, landscape, hardscape	2	1	1	4
505	Monterey pine	51	2	Branch	Sidewalk/designated trail	2	2	2	6
506	Monterey cypress	24	3	Branch	Lawn, garden, greenspace, landscape, hardscape	2	1	1	4
507	Monterey pine	46	2	Branch	Sidewalk/designated trail	2	2	2	6
508	Monterey cypress	28	3	Branch	Sidewalk/designated trail	2	2	2	6
509	Monterey cypress	29	4	Branch	Sidewalk/designated trail	2	2	2	6
510	Monterey cypress	41	3	Branch	Lawn, garden, greenspace, landscape, hardscape	3	1	1	5
511	Monterey cypress	31	3	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
512	Monterey pine	41	2	Branch	Sidewalk/designated trail	3	1	2	6
513	Monterey cypress	25	4	Branch	Lawn, garden, greenspace, landscape, hardscape	2	1	1	4
514	Monterey cypress	26	3	Branch	Sports field/facility	2	2	2	6
515	Blue gum	77	3	Branch	Sidewalk/designated trail	2	2	2	6
516	Monterey cypress	30	3	Branch	Sidewalk/designated trail	2	1	2	5
517	Monterey cypress	24	4	Branch	Sidewalk/designated trail	2	1	2	5
518	Blue gum	43	2	Branch	Sidewalk/designated trail	2	2	2	6
519	Blue gum	43	2	Branch	Sports field/facility	2	2	2	6
520	Blue gum	43	3	Branch	Sidewalk/designated trail	2	2	2	6
521	Monterey cypress	47	3	Branch	Sidewalk/designated trail	2	2	2	6
522	Monterey cypress	50	3	Branch	Sidewalk/designated trail	2	2	2	6
523	Blue gum	45	3	Branch	Sports field/facility	2	2	2	6
524	Blue gum	37	3	Branch	Sports field/facility	2	2	2	6
525	Blue gum	41	3	Branch	Sidewalk/designated trail	2	2	2	6
526	Blue gum	35	2	Branch	Sports field/facility	2	2	2	6

527	Blue gum	31	2	Branch	Sidewalk/designated trail	2	2	2	6
528	Blue gum	37	3	Branch	Sports field/facility	2	2	2	6
529	Blue gum	42	3	Branch	Sports field/facility	2	2	2	6
530	Blue gum	42	3	Branch	Sports field/facility	2	2	2	6
531	Blue gum	20	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	1	1	4
532	Blue gum	40	3	Branch	Sports field/facility	2	1	2	5
533	Blue gum	27	3	Branch	Sports field/facility	2	1	2	5
534	Blue gum	30	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
535	Blue gum	41	3	Branch	Sports field/facility	2	2	2	6
536	Blue gum	25	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
537	Blue gum	38	3	Branch	Sports field/facility	2	2	2	6
538	Blue gum	37	3	Branch	Sports field/facility	2	2	2	6
539	Blue gum	28	3	Branch	Sports field/facility	2	2	2	6
540	Blue gum	47,34	3	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
542	Blue gum	40	3	Branch	Sports field/facility	2	2	2	6
543	Blue gum	24	2	Branch	Sports field/facility	2	2	2	6
544	Blue gum	22	2	Branch	Sports field/facility	2	2	2	6
545	Blue gum	38	3	Branch	Sports field/facility	2	2	2	6
546	Blue gum	21	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
547	Blue gum	42,29	3	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
548	Blue gum	24	2	Branch	Sports field/facility	2	2	2	6
549	Blue gum	48	3	Branch	Sports field/facility	2	2	2	6
553	Blue gum	30	3	Branch	Sports field/facility	2	1	2	5
555	Blue gum	35	3	Branch	Sports field/facility	2	2	2	6
556	Blue gum	37	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
557	Blue gum	55	3	Branch	Sports field/facility	2	2	2	6
561	Myoporum	22	3	Branch	Sports field/facility	2	1	2	5
565	Olive	8	4	Branch	Sidewalk/designated trail	1	1	2	4
566	Olive	10	4	Branch	Sidewalk/designated trail	1	1	2	4
567	Monterey cypress	46	4	Branch	Building -- day camp, activity center	3	2	3	8
680	Monterey cypress	33	5	Branch	Sports field/facility	2	2	2	6
681	Monterey cypress	30	3	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
682	Lemonwood	11,9,6	3	Stem	Lawn, garden, greenspace, landscape, hardscape	1	2	1	4
683	Crabapple	9,6,4	4	Stem	Lawn, garden, greenspace, landscape, hardscape	1	2	1	4
684	Monterey cypress	28	2	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
685	Monterey cypress	34	3	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5
686	Monterey cypress	38	3	Branch	Lawn, garden, greenspace, landscape, hardscape	2	2	1	5

Tree Disposition

Crocker Amazon Athletic Field Project
San Francisco, CA
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Tree No.	Species	Trunk Diameter (in.)	Protected Tree?	Disposition	Comments
101	Monterey cypress	55	N	Preserve	Outside grading
102	Monterey cypress	68	N	Preserve	Outside grading
103	Coast live oak	8,7	N	Preserve	Outside grading
104	Coast live oak	6,4,4,3,3,3	N	Preserve	Outside grading
105	Coast live oak	4,4,4,3	N	Preserve	Outside grading
106	Coast live oak	4,4,3,3	N	Preserve	Outside grading
107	Coast live oak	6,5,4,3,3	N	Preserve	Outside grading
108	Coast live oak	6,4,4,4,3	N	Preserve	Outside grading
109	Coast live oak	8,3	N	Preserve	Outside grading
110	Coast live oak	6,6,6,4,4	N	Preserve	Outside grading
111	Coast live oak	7,6	N	Preserve	Outside grading
112	Coast live oak	4	N	Preserve	Outside grading
113	Toyon	6	N	Preserve	Outside grading
114	Toyon	9	N	Preserve	Outside grading
115	Hopseed bush	7	N	Preserve	Outside grading
117	River red gum	11,11,6	N	Preserve	Outside grading
118	Monterey cypress	45	N	Preserve	Outside grading
119	Monterey cypress	38	N	Preserve	Outside grading
120	Monterey cypress	28	N	Preserve	Outside grading
121	Monterey cypress	42	N	Preserve	Outside grading
122	Monterey cypress	31	N	Remove	Poor condition / low suitability
123	Monterey cypress	31	N	Remove	Poor condition / low suitability
124	Monterey cypress	46	N	Preserve	Outside grading
125	Monterey cypress	50	N	Preserve	Outside grading
126	Monterey cypress	18	N	Preserve	Outside grading
127	Monterey cypress	46	N	Preserve	Outside grading
128	Monterey cypress	49	N	Preserve	Outside grading
129	Monterey pine	33	N	Preserve	Outside grading
130	Monterey cypress	33	N	Preserve	Outside grading
131	Monterey cypress	39	N	Preserve	Outside grading
132	Monterey cypress	27	N	Preserve	Outside grading
133	Monterey cypress	33	N	Preserve	Outside grading
134	Monterey cypress	25	N	Preserve	Outside grading
135	Blue gum	16	N	Preserve	Outside grading
136	Blue gum	54	N	Preserve	Outside grading
137	Blue gum	10	N	Preserve	Outside grading
138	Blue gum	18,11	N	Preserve	Outside grading
139	Blue gum	44	N	Preserve	Outside grading
140	Crabapple	7,6,6	N	Preserve	Outside project area
141	Blue gum	18,8	N	Preserve	Outside grading
142	Manna gum	37	N	Preserve	Outside grading
143	Lemon-scented gum	30,25,14	N	Preserve	Outside grading
144	Lemon-scented gum	19	N	Preserve	Outside grading
145	Lemon-scented gum	14,10	N	Preserve	Outside grading
146	Flooded gum	10,10,8	N	Preserve	Outside grading
147	Flooded gum	8,7	N	Preserve	Outside grading

Tree Disposition

Crocker Amazon Athletic Field Project
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Tree No.	Species	Trunk Diameter (in.)	Protected Tree?	Disposition	Comments
148	Lemon-scented gum	28	N	Remove	Poor condition / low suitability
149	Lemon-scented gum	42	N	Preserve	Outside grading
150	Lemon-scented gum	8	N	Preserve	Outside grading
151	Blue gum	60	N	Preserve	Outside project area
152	Blue gum	25	N	Preserve	Outside grading
153	Blue gum	42,30	N	Preserve	Outside grading
154	Blue gum	36	N	Preserve	Outside grading
155	Coast redwood	41	N	Preserve	Outside grading
156	Coast redwood	38	N	Preserve	Outside grading
157	Purpleleaf plum	6,6,5,4,3	N	Preserve	Outside grading
158	Swamp mahogany	11,10,8,6,6,5	N	Preserve	Outside grading
159	Monterey cypress	26	N	Preserve	Outside grading
160	Monterey cypress	35	N	Preserve	Outside grading
161	Monterey cypress	24	N	Remove	Poor condition / low suitability
162	Monterey cypress	30,27,26	N	Remove	Poor condition / low suitability
163	Swamp mahogany	12,7	N	Preserve	Outside grading
164	Photinia	7	N	Preserve	Outside project area
165	Coast redwood	29	N	Preserve	Outside grading
166	Purpleleaf plum	6,5,5	N	Preserve	Outside project area
167	Plum	6,4,4,3	N	Preserve	Outside grading
168	Bushy yate	10	N	Preserve	Outside grading
169	Swamp mahogany	10,9,7,6	N	Preserve	Outside grading
170	Purpleleaf plum	7,6,4,4,2	N	Preserve	Outside grading
171	Coast redwood	40	N	Preserve	Outside grading
172	Coast redwood	43	N	Preserve	Outside grading
173	Monterey cypress	30	N	Preserve	Outside grading
174	Monterey cypress	26	N	Preserve	Outside grading
175	Monterey cypress	28	N	Preserve	Outside grading
176	Monterey cypress	33	N	Preserve	Outside grading
177	Monterey cypress	22	N	Preserve	Outside grading
178	Monterey cypress	18	N	Preserve	Outside grading
179	Monterey cypress	42	N	Remove	Poor condition / low suitability
180	Blue gum	14	N	Preserve	Outside project area
181	Monterey cypress	35	N	Preserve	Outside grading
182	Monterey cypress	57	N	Preserve	Outside grading
183	Monterey cypress	37	N	Remove	Poor condition / low suitability
184	Monterey cypress	26	N	Preserve	Outside grading
185	Monterey cypress	23	N	Preserve	Outside grading
186	Monterey cypress	10	N	Preserve	Outside project area
187	Monterey cypress	45	N	Preserve	Outside grading
188	Monterey cypress	53	N	Preserve	Outside grading
189	Monterey cypress	30	N	Preserve	Outside grading
190	Myoporum	8,7	N	Preserve	Outside grading
191	Monterey cypress	20	N	Preserve	Outside grading
192	Monterey pine	36	N	Preserve	Outside project area
193	Monterey pine	35	N	Preserve	Outside project area

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Tree No.	Species	Trunk Diameter (in.)	Protected Tree?	Disposition	Comments
194	Monterey cypress	50	N	Preserve	Outside grading
195	Monterey cypress	36	N	Preserve	Outside grading
196	Blue gum	9,6	N	Preserve	Outside grading
197	Monterey cypress	69	N	Preserve	Outside grading
198	Monterey pine	31	N	Preserve	Outside grading
199	Monterey cypress	20	N	Remove	Poor condition / low suitability
200	Monterey pine	30	N	Preserve	Outside grading
201	Monterey pine	18	N	Remove	Dead
202	Monterey cypress	38	N	Preserve	Outside grading
203	Monterey pine	37	N	Preserve	Outside grading
204	Monterey pine	27	N	Preserve	Outside grading
205	Monterey cypress	34	N	Preserve	Outside grading
206	Monterey cypress	40	N	Preserve	Outside grading
207	Monterey cypress	25	N	Preserve	Outside grading
208	Monterey cypress	14	N	Remove	Poor condition / low suitability
209	Monterey cypress	38	N	Preserve	Outside grading
210	Monterey cypress	39	N	Preserve	Outside grading
211	Monterey cypress	21,18	N	Preserve	Outside grading
212	Monterey cypress	24	N	Preserve	Outside grading
213	Monterey cypress	34	N	Preserve	Outside grading
214	Monterey cypress	26	N	Preserve	Outside grading
215	Monterey cypress	22	N	Preserve	Outside grading
216	Monterey cypress	29	N	Preserve	Outside grading
217	Monterey cypress	30	N	Preserve	Outside grading
218	Monterey cypress	32	N	Preserve	Outside grading
219	Monterey cypress	35	N	Preserve	Outside grading
220	Monterey cypress	53	N	Preserve	Outside grading
221	Monterey cypress	31	N	Preserve	Outside grading
222	Monterey cypress	50	N	Preserve	Outside grading
223	Monterey pine	21	N	Preserve	Outside grading
224	Monterey pine	9	N	Preserve	Outside grading
225	Monterey pine	6	N	Preserve	Outside grading
226	Monterey pine	25	N	Preserve	Outside grading
227	Monterey cypress	9	N	Preserve	Outside grading
228	Monterey pine	8	N	Preserve	Outside grading
229	Monterey cypress	9	N	Preserve	Outside grading
230	Monterey cypress	7	N	Preserve	Outside grading
231	Monterey cypress	7	N	Preserve	Outside grading
232	Monterey cypress	9	N	Preserve	Outside grading
233	Monterey cypress	8	N	Preserve	Outside grading
234	Monterey cypress	7	N	Preserve	Outside grading
235	Monterey cypress	10	N	Preserve	Outside grading
236	Monterey cypress	46	N	Preserve	Outside grading
237	Monterey cypress	60	N	Preserve	Outside grading
238	Monterey cypress	70	N	Preserve	Outside grading
239	Monterey cypress	93	N	Preserve	Outside grading

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Tree No.	Species	Trunk Diameter (in.)	Protected Tree?	Disposition	Comments
240	Monterey cypress	13	N	Preserve	Outside grading
241	Torrey pine	10	N	Preserve	Outside grading
242	Monterey cypress	12	N	Preserve	Outside grading
243	Monterey cypress	13	N	Preserve	Outside grading
244	Japanese cheesewood	11	N	Preserve	Outside grading
245	Monterey cypress	11	N	Preserve	Outside grading
246	Spanish dagger	12	N	Preserve	Outside grading
247	Monterey cypress	25	N	Preserve	Outside grading
248	Monterey cypress	58	N	Preserve	Outside grading
249	Monterey cypress	16	N	Preserve	Outside grading
250	Monterey cypress	18	N	Preserve	Outside grading
251	Torrey pine	8	N	Preserve	Outside grading
252	Monterey cypress	14	N	Preserve	Outside grading
253	Torrey pine	9	N	Preserve	Outside grading
254	Monterey cypress	13	N	Preserve	Outside grading
255	Monterey cypress	15	N	Preserve	Outside grading
256	Monterey cypress	12	N	Preserve	Outside grading
257	Torrey pine	10	N	Preserve	Outside grading
258	Monterey cypress	13	N	Preserve	Outside grading
259	Monterey cypress	11	N	Preserve	Outside grading
260	Italian buckthorn	11,11	N	Preserve	Outside grading
261	Monterey cypress	13	N	Preserve	Outside grading
262	Monterey pine	63	N	Preserve	Outside grading
281	Blue gum	27	N	Remove	Within grading
401	Blackwood acacia	15	N	Remove	Within grading
402	Blackwood acacia	12	N	Remove	Within grading
403	Blackwood acacia	9	N	Remove	Within grading
404	Blackwood acacia	19	N	Remove	Within grading
405	Blackwood acacia	12	N	Remove	Within grading
406	Blackwood acacia	17	N	Remove	Within grading
407	Blackwood acacia	20,13,13,12,5	N	Remove	Within grading
408	Blackwood acacia	26	N	Remove	Within grading
409	Blackwood acacia	16,16	N	Remove	Within grading
410	Blackwood acacia	28	N	Remove	Within grading
411	Blackwood acacia	29	N	Remove	Within grading
415	River red gum	15,12,11,8	N	Remove	Poor condition / low suitability
416	Monterey cypress	55	N	Preserve	Outside grading
417	Monterey cypress	42	N	Preserve	Outside grading
418	Monterey cypress	38	N	Preserve	Outside grading
419	Monterey cypress	40	N	Preserve	Outside grading
420	Monterey cypress	34	N	Preserve	Outside grading
421	Monterey cypress	60	N	Preserve	Outside grading
426	Blue gum	80	N	Preserve	Outside grading
427	Monterey cypress	60	N	Preserve	Outside grading
429	Blue gum	68	N	Remove	Within grading
430	Monterey cypress	65	N	Remove	Within grading

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Tree No.	Species	Trunk Diameter (in.)	Protected Tree?	Disposition	Comments
432	Blue gum	66	N	Remove	Within grading
433	Monterey cypress	54	N	Remove	Within grading
434	Monterey cypress	60	N	Preserve	Adjacent to pathway repaving
435	Monterey cypress	49	N	Preserve	Adjacent to pathway repaving
436	Monterey cypress	62	N	Preserve	Adjacent to pathway repaving
437	Monterey pine	41	N	Preserve	Adjacent to pathway repaving
439	Monterey pine	42	N	Preserve	Adjacent to pathway repaving
440	Monterey cypress	45	N	Preserve	Adjacent to pathway repaving
441	Monterey cypress	69	N	Preserve	Adjacent to pathway repaving
442	Monterey cypress	54	N	Preserve	Adjacent to pathway repaving
443	Monterey cypress	85	N	Preserve	Adjacent to pathway repaving
444	Monterey cypress	62	N	Preserve	Adjacent to pathway repaving
445	Monterey cypress	50	N	Preserve	Adjacent to pathway repaving
446	Monterey cypress	46	N	Preserve	Adjacent to pathway repaving
447	Monterey cypress	38	N	Preserve	Adjacent to pathway repaving
448	Monterey cypress	54	N	Preserve	Adjacent to pathway repaving
449	Monterey cypress	55	N	Preserve	Adjacent to pathway repaving
450	Blue gum	63	N	Preserve	Adjacent to pathway repaving
451	Monterey cypress	46	N	Preserve	Adjacent to pathway repaving
453	Colorado blue spruce	18	N	Preserve	Ouside grading
454	Monterey cypress	18,12	N	Preserve	Ouside grading
455	Monterey cypress	10	N	Preserve	Ouside grading
456	Monterey cypress	15	N	Remove	Poor condition / low suitability
457	Monterey cypress	18	N	Remove	Poor condition / low suitability
458	Monterey cypress	10	N	Remove	Poor condition / low suitability
459	Monterey cypress	14	N	Preserve	Outside grading
460	Monterey cypress	16	N	Preserve	Outside grading
461	Monterey cypress	10	N	Preserve	Outside grading
462	Monterey cypress	9	N	Preserve	Outside grading
463	Monterey cypress	9	N	Preserve	Outside grading
464	Turpentine tree	18,12,8	N	Preserve	11' from grading
466	Monterey cypress	36	N	Preserve	12' from new pavement
467	Monterey cypress	37	N	Remove	3' from grading
468	Monterey cypress	23	N	Remove	Poor condition / low suitability
469	Monterey pine	51	N	Remove	Poor condition / low suitability
470	Turpentine tree	10	N	Remove	Poor condition / low suitability
471	Monterey cypress	21	N	Preserve	15' from grading
472	Monterey cypress	24	N	Preserve	9' from new pavement
473	Monterey cypress	28	N	Remove	Adjacent to grading
474	Monterey cypress	20	N	Remove	Adjacent to grading
476	Monterey cypress	58	N	Remove	Adjacent to parking lot granding
478	Monterey cypress	27	N	Remove	Poor condition / low suitability
481	Monterey cypress	37	N	Remove	Poor condition / low suitability
482	Monterey cypress	20	N	Remove	Poor condition / low suitability
483	Monterey cypress	17	N	Remove	Poor condition / low suitability
484	Monterey cypress	34	N	Remove	Poor condition / low suitability

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Tree No.	Species	Trunk Diameter (in.)	Protected Tree?	Disposition	Comments
485	Monterey cypress	52	N	Remove	Adjacent to parking lot granding
486	Monterey cypress	50	N	Remove	Adjacent to parking lot granding
487	Blue gum	70	N	Remove	Within outdoor plaza
488	Monterey cypress	52	N	Remove	Within outdoor plaza
489	Monterey cypress	51	N	Remove	Within outdoor plaza
490	Monterey cypress	28	N	Remove	7' from grading
491	Monterey cypress	22,8,5,5	N	Preserve	8' from grading / raising grade
492	Monterey cypress	30	N	Preserve	6' from grading / raising grade
493	Monterey cypress	11	N	Remove	5' from retaining wall
494	Monterey cypress	29	N	Remove	7' from retaining wall
495	Blue gum	74	N	Remove	8' from retaining wall
496	Blue gum	67	N	Remove	25' from retaining wall
497	Blue gum	53	N	Preserve	15.5' from grading
498	Monterey pine	54	N	Remove	7.5' from grading
499	Monterey cypress	32	N	Preserve	20.5' from grading
500	Monterey cypress	25	N	Preserve	13' from grading
501	Blue gum	56	N	Remove	Within grading
502	Blue gum	78	N	Remove	Within grading
503	Blue gum	74	N	Remove	Within grading
504	Monterey cypress	26	N	Remove	Within grading
505	Monterey pine	51	N	Remove	Within grading
506	Monterey cypress	24	N	Remove	Within grading
507	Monterey pine	46	N	Remove	Within grading
508	Monterey cypress	28	N	Remove	Within grading
509	Monterey cypress	29	N	Remove	Within grading
510	Monterey cypress	41	N	Remove	Within grading
511	Monterey cypress	31	N	Remove	Within grading
512	Monterey pine	41	N	Remove	Within grading
513	Monterey cypress	25	N	Remove	Within grading
514	Monterey cypress	26	N	Remove	Within grading
515	Blue gum	77	N	Remove	Within grading
516	Monterey cypress	30	N	Remove	Within grading
517	Monterey cypress	24	N	Remove	Within grading
518	Blue gum	43	N	Remove	Within grading
519	Blue gum	43	N	Remove	Within grading
520	Blue gum	43	N	Remove	Within grading
521	Monterey cypress	47	N	Remove	Within grading
522	Monterey cypress	50	N	Remove	Within grading
523	Blue gum	45	N	Remove	Within grading
524	Blue gum	37	N	Remove	Within grading
525	Blue gum	41	N	Remove	Within grading
526	Blue gum	35	N	Remove	Within grading
527	Blue gum	31	N	Remove	Within grading
528	Blue gum	37	N	Remove	Within grading
529	Blue gum	42	N	Remove	Within grading
530	Blue gum	42	N	Remove	Within grading

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Tree No.	Species	Trunk Diameter (in.)	Protected Tree?	Disposition	Comments
531	Blue gum	20	N	Remove	Within grading
532	Blue gum	40	N	Remove	Within grading
533	Blue gum	27	N	Remove	Within grading
534	Blue gum	30	N	Remove	Within grading
535	Blue gum	41	N	Remove	Within grading
536	Blue gum	25	N	Remove	Within grading
537	Blue gum	38	N	Remove	Within grading
538	Blue gum	37	N	Remove	Within grading
539	Blue gum	28	N	Remove	Within grading
540	Blue gum	47,34	N	Remove	Within grading
542	Blue gum	40	N	Remove	Within grading
543	Blue gum	24	N	Remove	Within grading
544	Blue gum	22	N	Remove	Within grading
545	Blue gum	38	N	Remove	Within grading
546	Blue gum	21	N	Remove	Within grading
547	Blue gum	42,29	N	Remove	Within grading
548	Blue gum	24	N	Remove	Within grading
549	Blue gum	48	N	Remove	Within grading
553	Blue gum	30	N	Remove	Within grading
555	Blue gum	35	N	Remove	Within grading
556	Blue gum	37	N	Remove	Within grading
557	Blue gum	55	N	Remove	Within grading
561	Myoporum	22	N	Preserve	Outside project area
565	Olive	8	N	Preserve	Outside project area
566	Olive	10	N	Preserve	Outside project area
567	Monterey cypress	46	N	Preserve	Outside project area
680	Monterey cypress	33	N	Preserve	Outside project area
681	Monterey cypress	30	N	Preserve	Outside project area
682	Lemonwood	11,9,6	N	Preserve	Outside project area
683	Crabapple	9,6,4	N	Preserve	Outside project area
684	Monterey cypress	28	N	Preserve	Outside project area
685	Monterey cypress	34	N	Preserve	Outside project area
686	Monterey cypress	38	N	Preserve	Outside project area

Tree Inventory Map

Crocker Amazon Project
San Francisco, CA

Prepared For:
SF Recreation and Park Department
49 South Van Ness Avenue, 12th Floor
San Francisco, CA 94102

January 2026

N

0 80 160 320 Feet

Note that tree locations are approximate

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BARTLETT CONSULTING
Divisions of The H.A. Bartlett Tree Expert Company

2550 Ninth Street, Suite 112
Berkeley, CA 94710
Phone 925.484.0211
Fax 925.484.0596