

Appendix F

Tree Inventory and Canopy Assessment

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Tree Inventory and Canopy Assessment
Peninsula Corridor Electrification Project

PREPARED FOR
Peninsula Corridor Joint Powers Board
1250 San Carlos Ave.
San Carlos, CA 94070

PREPARED BY:
HortScience, Inc.
325 Ray St.
Pleasanton, CA 94566

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Peninsula Corridor Electrification Project

Table of Contents

	Page
Executive Summary	i
1.0 Introduction and Overview	1
1.1 2003 Tree Survey and Assessment	2
1.2 2013 Tree Inventory and Canopy Assessment	3
2.0 Methods	4
2.1 Tree Canopy Analysis	4
2.2 Initial Tree Density Model	5
2.3 Tree Inventory (TI)	7
2.4 Limited Tree Assessment (LTA)	8
2.5 Tree Assessment (TA)	8
2.6 Re-Defining the Project Area	10
2.7 Linear Models to Estimate Number of Trees	10
3.0 Tree Protection Requirements by Jurisdiction	11
4.0 Results	12
4.1 Canopy Analysis	12
4.2 Model to Estimate Number of Trees with Canopy Intrusion	12
4.3 Summary of Tree Inventory	15
4.3.1 Property Ownership and Protected Trees	15
4.3.2 Tree species	15
4.3.3 Tree Size	18
4.3.4 Tree Condition	19
4.3.5 El Palo Alto and Jules Francard Grove	20
4.3.6 Impacts to Trees	21
5.0 Conclusions	22
6.0. Potential Tree Mitigation Measures	23

Tables

Table i: Estimated number of trees by jurisdiction	v
Table 1: Summary of tasks performed for each of three types of tree inspection and assessment	9
Table 2: Estimated number of trees with canopy intruding into the Project Area, and number of trees that would be removed and pruned for the PCEP by jurisdiction.	14
Table 3: Summary of number of trees, number of species, and ownership for Tree Inventories.	15
Table 4: Occurrence of tree species by jurisdiction	15
Table 5: Estimated PCEP impacts to trees in tree inventory areas by condition of tree.	21

Attachments

Attachment 1 Summary of tree protection requirements by jurisdiction.

Attachment 2 Results of tree inventory and canopy assessment by jurisdiction

San Francisco	A2-1
Brisbane	A2-6
South San Francisco	A2-10
San Bruno	A2-14
Unincorporated San Mateo	A2-18
Millbrae	A2-26
Burlingame	A2-30
San Mateo	A2-37
Belmont	A2-41
San Carlos	A2-45
Redwood City	A2-49
Atherton	A2-53
Menlo Park	A2-58
Palo Alto	A3-63
Mountain View	A2-71
Sunnyvale	A2-76
Santa Clara	A2-84
San Jose	A2-88
Unincorporated Santa Clara	A3-92

Attachment 3 Tree inventory data

Atherton	A3-3
Burlingame	A3-14
Menlo Park	A3-26
Palo Alto	A3-49
Sunnyvale	A3-67
Unincorporated San Mateo County	A3-84

Attachment 4 Scientific and common names of trees

Attachment 5 Abbreviations used on report

Attachment 6 References

DRAFT
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Executive Summary

The Peninsula Corridor Joint Powers Board (JPB) is preparing an Environmental Impact Report (EIR) for the Peninsula Corridor Electrification Project (PCEP). ICF International (ICF) is the lead consultant supporting the JPB in preparation of the EIR and HortScience is a subcontractor to ICF. The project would add electrical lines above the Caltrain tracks from San Francisco to San Jose, providing electrical power instead of diesel fuel for the trains. The project encompasses 51 miles of existing track and construction of nine new traction power facilities from the 4th and King Station in San Francisco to approximately two miles south of the Tamien Station in San Jose.

In many places along the track tree canopies are present within the Project Area, defined as 24 feet from the centerline of the outside track. In some cases the Project Area is outside Caltrain's right-of-way (ROW). To allow for construction and create a safe zone around the high voltage wires in the Project Area, it would be necessary to prune or remove trees.

HortScience, Inc. was asked to identify the potential impacts of the required work would have on the trees. The project encompasses 17 municipal jurisdictions and two unincorporated county jurisdictions and includes trees within the Caltrain right-of-way, trees on private property and trees on public land. Trees of certain types and sizes are protected by local ordinances.

There were three primary goals for the *Tree Inventory and Canopy Assessment*:

1. Estimate the amount of tree canopy removal that would potentially occur to create 24 feet of clearance for the project.
2. Assess impacts on a tree-by-tree case from on-ground inspections in key areas of concern as identified by ICF International.
3. For each jurisdiction, determine tree replacement requirements for trees that would potentially be removed.

HortScience's scope of services included assessing trees at three levels: 1) Limited Tree Assessment, 2) Tree Assessment, and 3) Tree Inventory. In addition, for all trees along the corridor we performed a canopy analysis to estimate the amount of canopy extending into the Project Area that would be removed by pruning or tree removal. We also created a tree density model to estimate numbers of trees impacted from the area of canopy intrusion.

We performed the Tree Inventory in locations identified by ICF International as areas of particular concern during August 2013. A total of 2,672 trees were assessed in 7 jurisdictions; this number was reduced to 2,172 when the Project Area was reduced from 29 feet to 24 feet. Comparing those data to a canopy analysis using ArcGIS to quantify the amount of canopy intruding into the Project Area, we created two linear models. One model predicted trees total trees impacted and the other predicted trees requiring removal. For areas that we had no data

on numbers of trees, we used the model to predict how many trees and removals would be likely in that area.

Through both canopy analysis and field evaluation, we estimated that **5,835** trees had more than 5% of their canopy within the Project Area. Because this estimate was based partially on a model, the 95% confidence interval was between 5,276 and 6,394. We predicted that **2,220** trees would have enough of their canopy removed that they would not survive. Because these are predicted numbers, the 95% confidence interval was between 1,905 and 2,536 trees. Table i shows the estimated number of trees that would require pruning and removal in each jurisdiction of the project.

The PCEP traverses 19 jurisdictions, each with its own tree preservation and protection ordinance that establishes tree protection standards and guidelines. Jurisdictions vary in how they define what a tree is, what terms are used (e.g. *heritage*, *protected*, *ordinance sized*), which trees qualify as protected trees, height at which the trunk is measured, and how removal of a tree is to be mitigated. While all but two jurisdictions require replacement of trees that are removed, the metric by which that is accomplished varies. Most of the jurisdictions do not specify how replacement requirements are determined; replacement decisions are made by the jurisdiction on a case-by-case basis.

Based on our assessments and canopy analysis of trees with the PCEP, we find the following:

1. The PCEP would require removal of approximately 25.18 acres of tree canopy.

Canopy intrusion estimates were developed by creating polygons around vegetation canopy extending into the Project Area in ArcMap with NAIP 2009 base image.

2. Impacts to trees would occur from vegetation clearance required within the Project Area.

We estimated that 5,835 trees would be impacted: 3,616 would be pruned to provide clearance, and 2,220 trees would be removed.

3. The PCEP will have variable impact on the trees in the 19 jurisdictions through which it traverses.

Canopy intrusion into the Project Area by jurisdiction ranged from 0 to 3.46 acres (median 0.96 acre). Estimated number of trees by jurisdiction that would be removed ranged from 0 to 497 trees (median 78 trees). The estimated number of trees by jurisdiction that would be pruned ranged from 0 to 481 trees in (median 153 trees). The estimated number of trees by jurisdiction to be impacted (removed and pruned) ranged from 0 to 915 (median 231 trees). The lowest number of trees to be impacted was in Santa Clara County; the highest, in Sunnyvale (see Table 2 data for each jurisdiction).

4. Some trees intruding into the Project Area should be removed because they are in poor condition.

We did not evaluate individual trees for the entire PCEP (estimated 5,835 trees). Of the 2,172 trees that we inventoried, we estimated 868 would be removed due to project impacts. One hundred twenty-one (121, 14%) of those were in poor condition and should probably be removed regardless of the project.

5. For the Tree Inventory areas, most of trees that would be impacted reside in Caltrain's ROW.

In the areas inventoried, 30% of the trees were located on private property; 19% on public property, and 51% within the Caltrain ROW. Atherton had the most trees on private property (76%); Palo Alto, the least (5%) (see Table 3).

6. The PCEP would have several positive impacts to the urban forest.

- a. **Removing trees in poor condition within the Project Area would reduce the risk to users, facilities and equipment from structural failure of poor condition trees.** Many trees were senescent and/or possessed defects in structure that would increase their likelihood for failure. Removing those trees would improve system and public safety.
- b. **Removing trees in dense canopy areas may reduce fuel loads, thereby reducing fire hazards.** Removing dead trees, low branches and thinning stands of trees are common fire management strategies.
- c. **Removing invasive exotic tree species can help protect nearby natural areas and landscapes.** For instance, of the trees within the Tree Inventory areas that would be removed, 40 are Tree of Heaven, a plant that readily spreads by root suckers and seed. Although the numbers of invasive trees are relatively small, removing those trees would eliminate them as a source of propagules to invade other landscapes.
- d. **In stands of trees where trees are densely planted, removing some trees may allow better development of neighboring trees.** When trees are removed, openings are created through which remaining trees' access to sunlight may be increased. This can improve growth and health of remaining trees.

There are a variety of ways impacts to trees could be partially or wholly mitigated.

1. Minimize tree loss and severity of pruning by using alternative pole designs where feasible and consistent with railroad operational safety and maintenance requirements.

Reducing the width of the Project Area in locations where trees would be removed or heavily pruned would minimize and possibly eliminate tree impacts.

2. Replant trees where screening was lost and space is available.

Many jurisdictions require tree replacement planting or funding for planting on other properties (see Attachments 1 and 2 for descriptions). Where local tree ordinances do not specify replacement requirements, a reasonable replacement ratio for protected trees outside of the ROW would be a 2:1 ratio using 15-gallon trees. Although local tree ordinances do not specify replacement requirements for non-protected trees, a reasonable replacement ratio would be a 1:1 ratio, using 15-gallon trees. Replacing trees inside the ROW at a ratio of 1:1 using 15-gallon trees is suggested.

However, planting in dense areas of trees can create problems rather than mitigate for the tree losses. Replacing lost screening with desirable species at adequate spacing is the best replacement strategy.

3. Where there is no space for planting to new trees, contribute to planting programs that increase tree canopy in other locations.

Collaborate with municipal parks departments and local not-for-profit tree organizations to identify locations where additional tree canopy is needed.

4. Use best management practices when pruning and removing trees.

Contractors that prune and remove trees should be qualified and use industry standards to perform the work (see *ANSI A300 Pruning Standard*, *ISA Best Management Practice, Pruning*). Appropriate nesting bird surveys should be performed prior to tree pruning and/or removal.

5. Plan to preserve existing trees outside the building envelope when designing new facilities.

Existing trees should be included in the design of facilities just like any other site feature. The first step in accomplishing this is to accurately plot trunk locations of all existing trees on all site development and construction plans. Include a consulting arborist on the design team to identify appropriate tree protection zones and provide advice about tree preservation techniques (see Matheny and Clark 1998 for further information).

6. Protect trees near new facility construction from injury.

Where new facilities will be constructed and work areas staged, it is important to protect nearby trees from inadvertent injury. This can be accomplished by installing temporary protection fencing around tree protection zone of all trees near construction or staging areas.

Table i: Estimated number of trees with canopy intruding into the Project Area, trees that would be removed and pruned in each jurisdiction.

Jurisdiction	Mile Posts	Canopy in Project Area (acres)	Est. Number of Trees		
			Remove	Prune	Impacted
San Francisco	0-5.2	0.23	51	9	60
Brisbane	5.2-7.9	0.18	14	22	36
South San Francisco	7.9-10.4	0.96	77	151	228
San Bruno	10.4-11.9	0.13	10	21	31
Unincorporated 1	11.9-12.5	0.61	49	98	147
Millbrae	12.5-13.8	0.29	23	46	69
Burlingame	13.8-16.7	2.52	85	154	239
San Mateo	16.7-21.1	1.76	141	279	420
Belmont	21.1-22.6	0.42	34	66	100
San Carlos	22.6-24.5	0.97	78	153	231
Redwood City	24.5-26.6	0.84	67	134	201
Unincorporated 2	26.4-27.5	0.68	50	144	194
Atherton	27.4-28.2	1.35	142	206	348
Menlo Park	28.1-29.7	2.33	188	441	629
Palo Alto	29.7-33.6	3.27	177	481	658
Mountain View	33.5-37.5	2.03	284	292	576
Sunnyvale	37.5-41.5	3.46	497	418	915
Santa Clara	40.8-45.3	1.20	96	191	287
San Jose	45.3-52.0	1.95	157	310	467
Unincorporated 3	51.4-52.0	0.00	0	0	0
Total		25.18	2220	3616	5835
Standard Error			11.28		14.70
95% Confidence Interval			1905-2536		5276-6394

All tree numbers rounded to whole numbers

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Tree Inventory and Canopy Assessment

Peninsula Corridor Electrification Project

1.0 Introduction and Overview

The Peninsula Corridor Joint Powers Board (JPB) is preparing an Environmental Impact Report (EIR) Peninsula Corridor Electrification Project (PCEP). ICF International (ICF) is the lead consultant supporting the JPB in preparation of the EIR and HortScience is a subcontractor to ICF. The project would add electrical lines above the Caltrain tracks from San Francisco to San Jose, providing electrical power instead of diesel fuel for the trains. The project encompasses 51 miles of existing track and construction of nine new traction power facilities from the 4th and King Station in San Francisco to approximately two miles south of the Tamien Station in San Jose (Fig. 1).

The PCEP will require installation of an overhead contact system (OCS) to provide power to the trains (Fig. 2). The OCS system would be located 10 to 12 feet from the centerline of the track, supported by poles spaced 180 to 230 feet apart. The OCS wires would be supported by means of cantilevered, hinged bracket arms that would extend horizontally over the track from vertical steel poles smounted clear of the dynamic envelope of the vehicles. In complex areas, where there is limited clearance between tracks, multi-track support structures, such as multi-wire headspans or portals attached to taller steel poles, could be employed. The poles would be supported by cast-in-place concrete foundations or driven pile footings. Vegetation would be required to be maintained a minimum of 10 feet from the OCS poles.

In many places along the track tree canopies are present within the project's electrical safety zone (Project Area). In some cases the Project Area is outside Caltrain's right-of-way (ROW). To allow for construction and create a safe zone around the high voltage wires in the Project Area, it would be necessary to prune or remove trees.

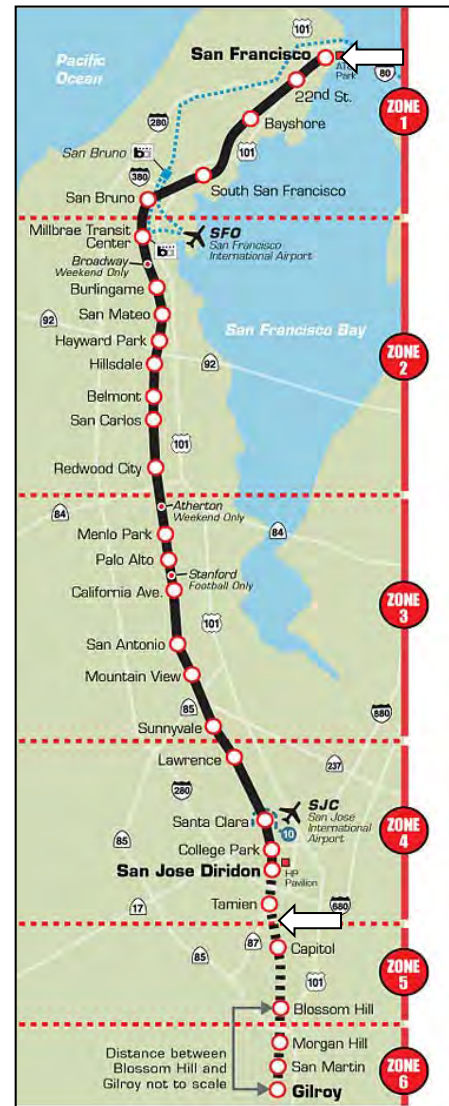


Figure 1 The PCEP extends from 4th and King Station in San Francisco to two miles south of the Tamien Station in San Jose (arrows). (Source: Caltrain System Map <http://www.caltrain.com/stations/systemmap.html>)

HortScience, Inc. was asked to identify the potential impacts of the required work would have on the trees. The project encompasses 17 municipal jurisdictions and two unincorporated county jurisdictions and includes trees within the Caltrain right-of-way, trees on private property and trees on public land. Trees of certain types and sizes are protected by local ordinances.

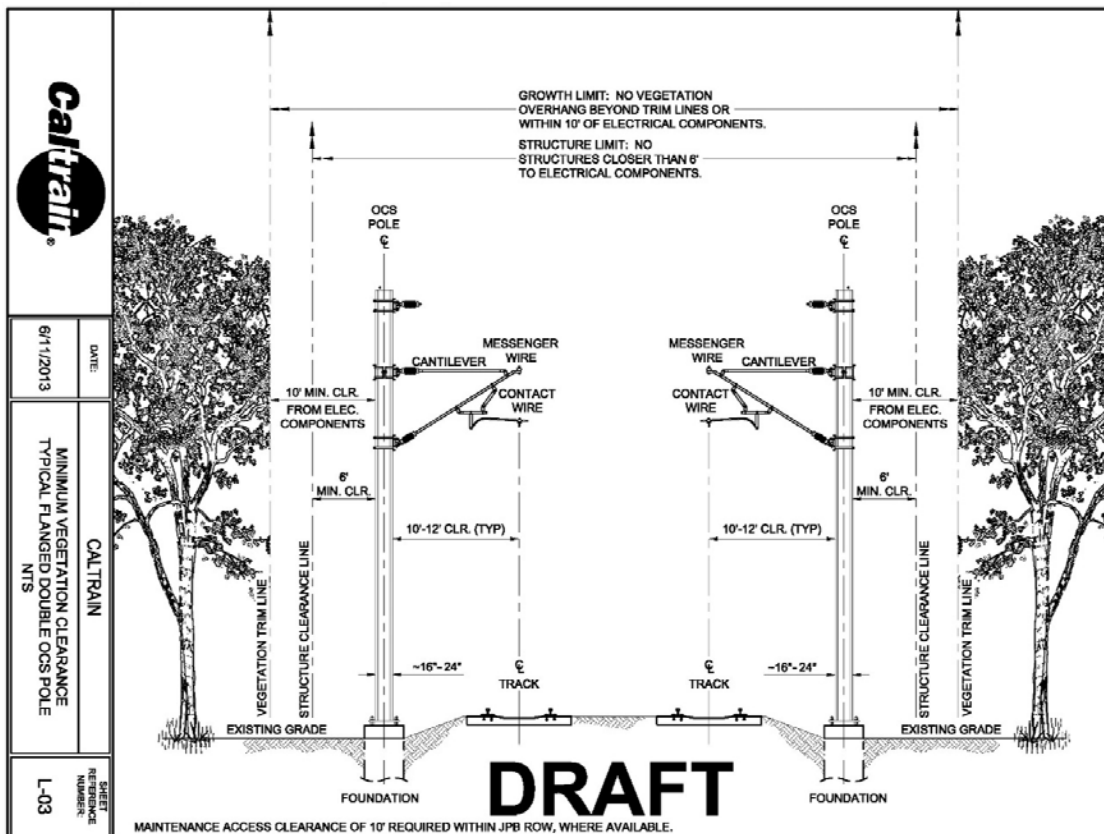


Figure 2 The current Project Area is defined as 24 feet from the center line of the outside track. It encompasses the 10 foot wide electrical safety zone in which no overhanging vegetation is allowed.

1.1 2003 Tree Survey and Assessment

In 2003, HortScience, Inc. prepared the Tree Survey and Assessment for the project as it was envisioned at that time. The study encompassed the 77-mile railway segment between San Francisco and Gilroy Stations. Where tree canopy extended into Caltrain's right-of-way, we estimated the amount of pruning and number of trees that would be removed based on sampled locations. Sample areas were assessed in two ways: First, we traveled the 77-miles of track

and videotaped the corridor. We then assessed canopy conditions in one-mile increments from the video tape. Using the videotape, tree density was classified as low, moderate, and high at 1-mile increments. Second, we examined individual trees in eight locations within the system to determine potential impacts. Those locations were selected based on the presence of dense tree canopy along the right-of-way and sensitivity of the community to potential impacts to trees. In each location, tree-specific data were collected and the potential impact of electrification was considered. Both clearance requirements and impacts from construction were evaluated. Our 2003 conclusions were:

1. Impacts to trees would occur from both installing energized conductors and creating required clearance.
2. The electrification project would have variable impact on the 8 locations examined.
3. Most trees impacted by the program were outside of Caltrain's right-of-way.
4. Approximately 19,250 trees were located within and immediately adjacent to Caltrain's right-of-way.
5. Approximately 1,727 trees (9% of the total) were recommended for removal due to the project.

1.2 2013 Tree Inventory and Canopy Assessment

Now, ten years after our first tree assessment, the project plans are further developed. When we began our current work, the Project Area was defined as 29 feet from the centerline of the outside track. This distance originally included a preliminary 15 feet-wide electrical safety zone (ESZ) from the electrical components. On October 31, 2013, Caltrain changed the ESZ to 10 feet, changing the Project Area to 24 feet from the centerline of the outside track. HortScience's task was to estimate how much tree canopy and how many trees would be impacted within the Project Area.

Current project plans are not yet to the level of design to make finer scale decisions about possible ways to reduce impacts to specific trees. The worst-case assumption is that side poles located 10 to 12 feet from the centerline of the outermost track will be required and that assumption is used in this assessment. Therefore the results of this report indicate the number of trees that may possibly be impacted in the 24 feet-wide Project Area. Providing a full inventory and tree-by-tree assessment of impacts of the entire 51 miles of track was not within the scope of our work.

There were three primary goals for the current *Tree Assessment*:

1. Estimate the amount of tree canopy removal that would potentially occur to create 24 feet of clearance for the project.
2. Assess impacts on a tree-by-tree case from on-ground inspections in key areas of concern as identified by ICF International.
3. For each jurisdiction, determine tree replacement requirements for trees that would potentially be removed.

2.0 Methods

HortScience's scope of services included assessing trees at three levels: 1) limited tree assessment, 2) tree assessment, and 3) tree inventory. The methods employed for level of tree evaluation are described below and in Table 1 (page 8). In addition, for all trees along the corridor we performed a canopy analysis to estimate the amount of canopy extending into the Project Area that would be removed by pruning or tree removal. We also created a tree density model to estimate numbers of trees impacted from the area of canopy intrusion. Adjustments were made to the canopy analysis and impact estimates when the Project Area was changed from 29 feet to 24 feet.

2.1 Tree Canopy Analysis

A Tree Canopy Analysis was performed to estimate the area and categorize the density of canopy within the Project Area. ICF International provided shapefiles (*.shp) showing the Electrical Safety Zone (ESZ), pole placement, tracks to be electrified, Caltrain Right-of-Way (ROW), and mile markers. HortScience created a Project Area polygon layer which incorporated all of these polygons into a single polygon defining our assessment region. Using the Project Area file in ArcMap, we drew polygons around the vegetation to delineate canopy within the Project Area (Fig. 3). Shadows were difficult to distinguish from vegetation canopy in the ESRI aerial base image; therefore, we primarily used the NAIP (National Agricultural Imagery Program) 2009 image as the base.



We then viewed more recent Google Earth and Caltrain video of the tracks and observed vegetation types during the hi-rail assessment to distinguish between trees and shrubs or

ground cover. The polygons around shrubs and ground cover were deleted from the canopy analysis so that only tree canopy remained.

After we delineated all canopy along the 51 miles of track, we calculated the area of canopy within the Project Area, in each jurisdiction, and within each tenth of a mile segment of the track. These calculations were used for analyses of tree impacts.

2.2 Initial Tree Density Model

ICF International identified track segments in six jurisdictions in which HortScience would perform the Tree Inventory. These segments were selected based on density of trees and local concern. To verify that these locations represented the areas of the greatest number of trees, we used data from our 2003 report and 2013 initial field counts to create a linear model relating tree density to canopy extending into the Project Area. The map displaying these data (Figure 4) helped HortScience staff to: confirm that the planned areas of field assessment were the densest tree populations, plan the use of linear models to predict tree numbers based on canopy density, and plan field work appropriately to assess approximately 2,500 trees in the field.

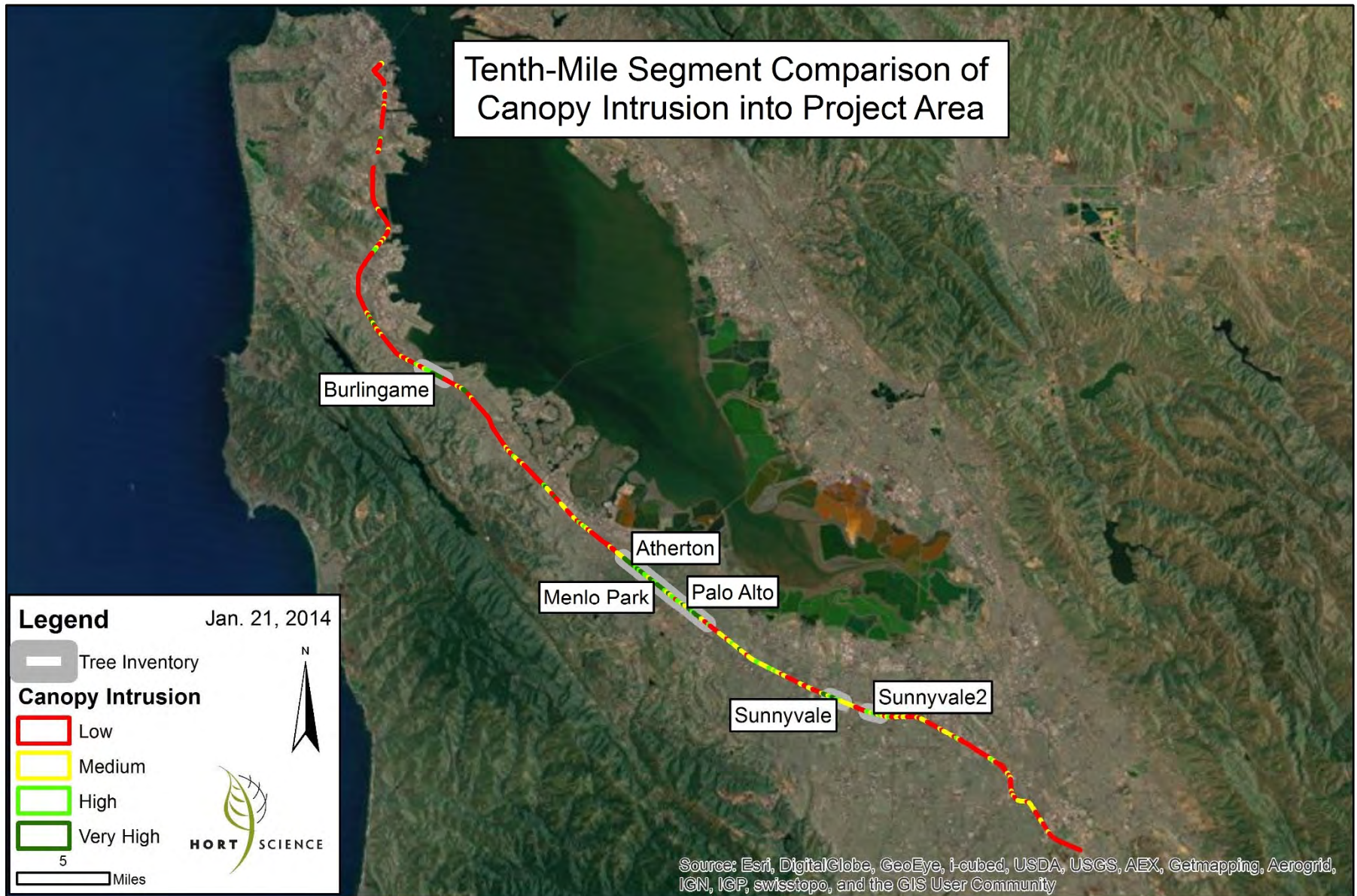


Figure 3 The initial tree density model identified areas of densest tree populations.

2.3 Tree Inventory (TI)

HortScience performed a tree-by-tree inventory and assessment in locations identified by ICF International as areas of particular concern during August 2013. The locations were sections of the Cities of Burlingame, Atherton, Menlo Park, Palo Alto, and Sunnyvale, and two sections in unincorporated San Mateo County.

At the time the inventory was conducted, the Project Area was defined as 29 feet from the centerline of the outside track. All trees in designated areas which had at least 5% of their canopies intruding into the Project Area were assessed. We determined whether trees were in the Project Area by measuring from the outside rail of the tracks using a Bosch DLR130 Laser Distance Measurer. Data collected included:

- a. Assign a unique identifier that included the jurisdiction, tree number, and side of the track. For instance, MP-119-W is Menlo Park, tree #119, on the west side of the tracks.
- b. Identify type of tree.
- c. Categorize trunk diameter at 4.5 feet above grade (DBH). Categories were 6-11", 12-17", 18-23", 24-30", 30-35", 36-41", 42"+. For trees having more than one trunk, calculate the largest diameter plus half of all stems over 6" diameter. Where the trunk was not visible (Fig. 5), DBH range was estimated base on visible trunk and tree canopy size.
- d. Rate the condition on a scale of 1 (poor) to 5 (excellent):
 - 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, minor structural defects that could be corrected.
 - 3** - Tree with moderate vigor, moderate twig and small branch dieback, thinning of crown, poor leaf color, moderate structural defects that might be mitigated with regular care.
 - 2** - Tree in decline, epicormic growth, extensive dieback of medium to large branches, significant structural defects that cannot be abated.
 - 1** - Tree in severe decline, dieback of scaffold branches and/or trunk; most of foliage from epicormics; extensive structural defects that cannot be abated.
- e. Categorize the distance from the edge of



Figure 4 HortScience arborists inventorying trees within the Project Area.

canopy to the centerline of the track (4-8', 9-13-, 14-18', 19-24', 24-29').

- f. If the tree trunk was farther than 29' from the centerline of the rail, categorize distance from the trunk to the outside of the track (4-8', 9-13-, 14-18', 19-24', 24-29').
- g. If trunk is not in the Project Area, estimate percentage of the tree's canopy that would be removed by pruning to provide adequate clearance (0-24%, 25-39%, 40-59%, 60-100%).
- h. Determine if the tree should be removed because of poor condition, severity of impact, or risk to operations.
- i. Identify if tree is on Caltrain ROW, private property, or public property.

We collected geospatial data using ArcPad on a Microsoft Surface Pro tablet and a Bluetooth enabled GPS receiver (G-Sat BT-368). We manually added point features onto an aerial photo showing Project Area and ROW boundaries, rather than relying wholly on the GPS receiver due to inaccuracies and lack of access to the base of many trees. Tree descriptive data were collected using HandBase software for Android and Apple hand-held devices.

2.4 Limited Tree Assessment (LTA)

The purpose of the LTA was to assess the general characteristics of the vegetation and degree of canopy clearance required. The LTA was accomplished by reviewing the 2011 videotape of the right-of-way provided by ICF International, reviewing Google Earth imagery, viewing the project area from a hi-rail survey, modeling the vegetation density within the project area, and performing a tree canopy analysis. On September 9 and 11, 2013, HortScience arborists were driven down the tracks in a hi-rail vehicle at approximately 15-20 miles per hour to visually assess the general character of the vegetation along the corridor. Canopy characteristics that were evaluated included

- a. Estimating the number of trees;
- b. Identifying tree types (genus) and estimating the percentage of each of the population;
- c. Categorizing the age classes of trees (young, semi-mature, mature)
- d. Estimating the amount of pruning required to provide adequate clearance in the project area (percentage of canopy);
- e. Determining the percentage of tree(s) that would be removed because of poor condition, severity of impact, risk to operations;
- f. Estimating the location of tree(s) on Caltrain ROW, private property, or public property;
- g. Determining the jurisdiction in which trees were located.

2.5 Tree Assessment (TA)

The Tree Assessment (TA) included areas where HortScience did not carry out full Tree Inventories but enough data were gathered to estimate tree counts without using the Tree Density Model. In San Francisco and Brisbane we used a combination of hi-rail and Google Earth to estimate number of trees and removals. In Mountain View, we conducted a field

assessment because our data set for the model was skewed towards dense areas. These data were included in the Tree Density Model, but we used natural breaks found in the field between trees rather than 0.1 mile breaks for input into the model. Data collected were the same as described for the Limited Tree Assessment.

Table 1: Summary of tasks performed for each of three types of tree inspection and assessment

Task	Tree Inspection and Assessment Method		
	<i>Tree Inventory</i>	<i>Tree Assessment</i>	<i>Limited Tree Assessment</i>
Trees viewed in hi-rail trip, Caltrain video, and Google Earth	•	•	•
Number of trees and types of trees identified in the field.	•	•	
Individual trees inspected, assessed, and mapped.	•		
Percentage of canopy that would be pruned estimated in the field.	•		
Distance of tree from track measured.	•	•	
Individual trees that would be removed identified due to poor condition, trunk within Project Area, or severe pruning (adjusted for 24' Project Area).	•	•	
Protected tree status within jurisdiction determined.	•		
Model used to estimated number of trees with canopy intruding into the Project Area			•
Model used to estimate number of trees that would be removed for project.			•
Approx. miles of track	7.7	9.7	34.6
Locations	Dense canopy areas in sections of Burlingame, unincorporated San Mateo County, Atherton, Menlo Park, Palo Alto, and Sunnyvale	San Francisco, San Bruno, Mountain View	Areas not covered in other assessments.

2.6 Re-Defining the Project Area

At the beginning of HortScience's involvement in the PCEP, the Project Area was preliminarily defined as 29 feet from the center of the outside track. This was calculated by assuming 12 feet from centerline of the track to pole placement, 2 feet wide poles, and 15 feet for the Electrical Safety Zone (ESZ) outside the pole. All fieldwork was conducted with these specifications in mind; however, HortScience collected additional spatial data knowing that these distances from the track could change. When the ESZ was changed from 15 feet to 10 feet decreasing the Project Area by 5 feet, HortScience used these extra data to estimate number of trees and removals in the adjusted 24 feet wide Project Area. We created a new Project Area shapefile by buffering -5 feet to the original Project Area in ArcMap. All results published in this report use the revised 24 feet wide Project Area.

Reducing the Project Area by 5 feet required making some adjustments to the data we collected in the field when the Project Area was 29 feet. To evaluate impacts to trees, the number of trees having canopy intruding into the new Project Area were estimated by combining the number of trees with trunks within 29 feet of the tracks with trees that had canopies within 24 feet of the tracks. This method assumes that all trees with trunks between 24 and 29 feet of the tracks had canopy intruding into the Project Area. Therefore, we expect this number of trees estimate to be artificially high.

To estimate the number of removals required with the 24 feet wide Project Area, we first needed to know the percentage of trees that would be removed because of intensity of pruning. Using data collected for the 29 feet Project Area, we calculated the percentage of trees with trunks outside of the Project Area that would require removal due to severe pruning (25%). We then extrapolated this number to the trees outside of the 24 foot Project Area. All trees with trunks within 24 feet of the centerline of the tracks were added to 25% of the trees with trunks between 24 and 29 feet of the tracks. This method assumes that none of the trees with trunks more than 29 feet from the tracks would require removal, which may artificially depress our estimate. This method also assumes that the percentage of removals due to pruning remains constant when the Project Area was changed from 29 feet to 24 feet wide.

2.7 Linear Models to Estimate Number of Trees

We created linear models to predict number of trees and number of tree removals for the areas in which the Limited Tree Assessments were performed. The Tree Inventory areas, a section of Mountain View where we performed a Tree Assessment, and the jurisdictions of San Francisco and Brisbane had reliable tree and removal estimates and did not require modeling. We combined the remaining areas to create a total amount of canopy requiring tree and removal estimates, and using the linear regression in R (a statistical computer program), estimated the number of trees and tree removals required in the Limited Tree Assessment areas. We also calculated values for adj. R^2 , standard error and 95% Confidence Intervals using R. We added values from the areas excluded from the model to these values to obtain our final tree and removal estimates.

3.0 Tree Protection Requirements by Jurisdiction

Pursuant to SamTrans' enabling legislation (Public Utilities Code Section 103200 et seq.) and the 1991 Interstate Commerce Commission's approval of the JPB acquisition of the Caltrain line, JPB activities within the Caltrain ROW are exempt from local building and zoning codes and other land use ordinances including tree ordinances. Nonetheless, the JPB will cooperate with local government agencies in assessing tree impacts and designing mitigation for the PCEP including consideration of local tree ordinances, municipal code and guidance in determining requirements for tree replacement.

The PCEP traverses 19 jurisdictions, each with its own tree preservation and protection ordinance that establishes tree protection standards and guidelines. Jurisdictions vary in how they define what a tree is, what terms are used (e.g. *heritage*, *protected*, *ordinance sized*), which trees qualify as protected trees, height at which the trunk is measured, and how removal of a tree is to be mitigated. For example, Palo Alto and Sunnyvale consider a four inch diameter woody plant a tree and require assessment before a removal permit would be issued. If this tree were in Atherton or unincorporated San Mateo County, the tree would not require assessment or a removal permit. Some cities protect all trees over a certain diameter, while others will only protect native species. In Brisbane, a Heritage Tree is a native species over six inches in diameter, or a non-native species over ten inches. In contrast, in San Jose the city council designates *Heritage Trees* because of factors including the specific tree's "history, girth, height, species or unique quality, to have a special significance to the community" (San Jose Municipal Code Section 13.28.330).

Jurisdictions also vary in what mitigation is required for tree removal and how tree replacement requirements are determined. Several cities regulate the amount of pruning that can be done to a tree, although the percentage of canopy that can be removed without a permit varies. A table of summarizing the tree ordinances of each jurisdiction is provided (Attachment 1). Below two photos give examples (Fig. 6)



Figure 6 - The 10" diameter redwood on the left would be protected in San Bruno, San Mateo, Belmont and Mountain View, but not in the other jurisdictions.

*The 25" diameter Canary Island date palm on the right would be protected in all jurisdictions **except** Brisbane, Millbrae, Atherton, Palo Alto, and Mountain View.*

4.0 Results

Results are presented in aggregate for the entire PCEP. Results for each jurisdiction in order of occurrence from the north to the south are provided in Attachment 2.

4.1 Canopy Analysis

The canopy analysis estimated that a total of 25.2 acres of canopy extended into the Project Area along the entire 51 miles of track. Within the Tree Inventory and Tree Assessment areas, 11.1 acres of canopy extended into the Project Area, and 14.1 acres of canopy in the Limited Assessment areas.

4.2 Model to Estimate Number of Trees with Canopy Intrusion in Project Area

The Tree Inventory (TI) identified 2,172 trees within the Project Area. In the areas a Tree Assessment (TA) was performed, there were 298 trees. For Limited Tree Assessment (LTA) areas, a linear model of the trees with canopy in the Project Area compared to the amount of canopy intrusion from aerial images (Fig. 7) was developed to predict number of trees impacted in the. Using the linear model $y=239.08x$, the predicted number of trees impacted in the LTA area was 3,365.

Total estimated number of trees having canopy within the Project Area in the three assessment methods (TI, TA, LTA) was 5,835 trees. Because LTA estimates were predicted by a model, there was a degree of uncertainty in these estimates. The 95% confidence interval was 5,276 to 6,394 trees.

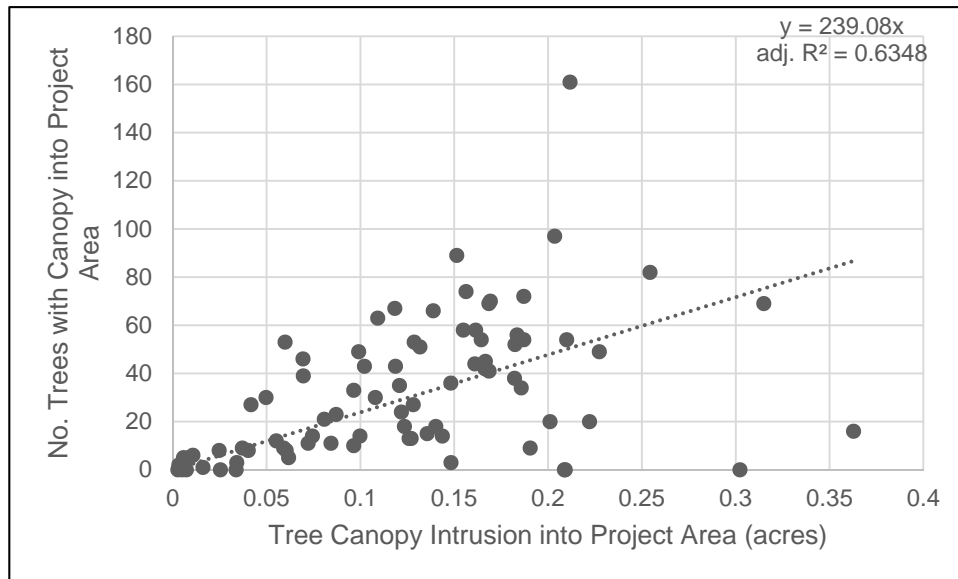


Figure 7 – Linear model created from area of tree canopy intrusion and estimated number of trees with canopy intruding into the Project Area. This model was used to estimate the total number of trees in the Limited Tree Assessment that would potentially be impacted by the project.

A second linear model compared tree canopy intrusion into the Project Area to numbers of trees that would be removed. These included trees having trunks within the Project Area and those at risk of death due to heavy pruning. This model was used similarly to the previous model to estimate how many trees were likely to be removed by the project. A model of $y=80.173x$ predicted 1,128 removals in the LTA areas (Fig. 8). Along with 868 trees that were assessed in the Tree Inventory area and 224 trees in Tree Assessment area, a total of 2,220 trees are predicted to require removal. Because these are predicted numbers, 95% was between 1,905 and 2,536 trees.

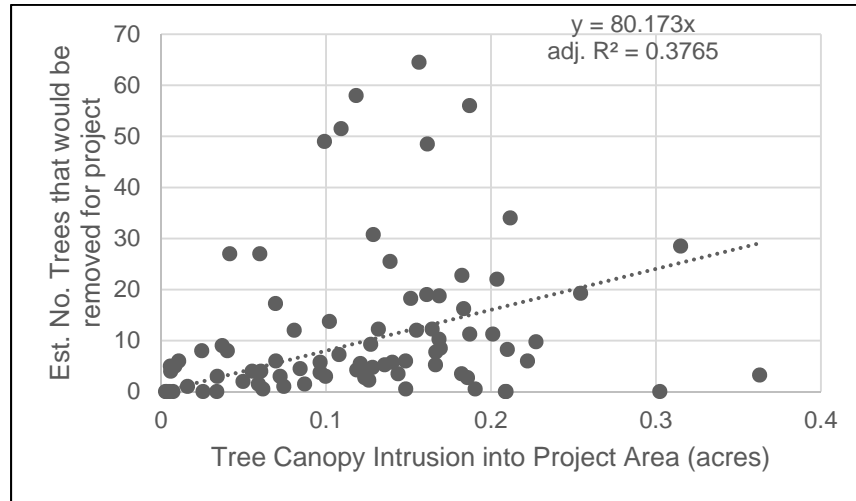


Figure 8 – Linear model created from area of canopy intrusion and estimated number of trees that would be removed

Exhibits of canopy intrusion into the project area (see Fig. 9 for an example) are provided for selected tree locations in each jurisdiction in Attachment 2.

Data collected in the Tree Inventories, Tree Assessments, and determined from the models were combined to estimate the total canopy within the Project Area, and the number of trees that would be removed and pruned for each of the 19 jurisdictions (Table 2). Canopy intrusion into the Project Area by jurisdiction ranged from 0 to 3.46 acres (median 0.96 acre). Estimated number of trees that would be removed by jurisdiction ranged from 0 to 497 (median 78 trees). The estimated number of trees by jurisdiction that would be pruned ranged from 0 to 481 (median 153 trees). The estimated number of trees impacts (removed

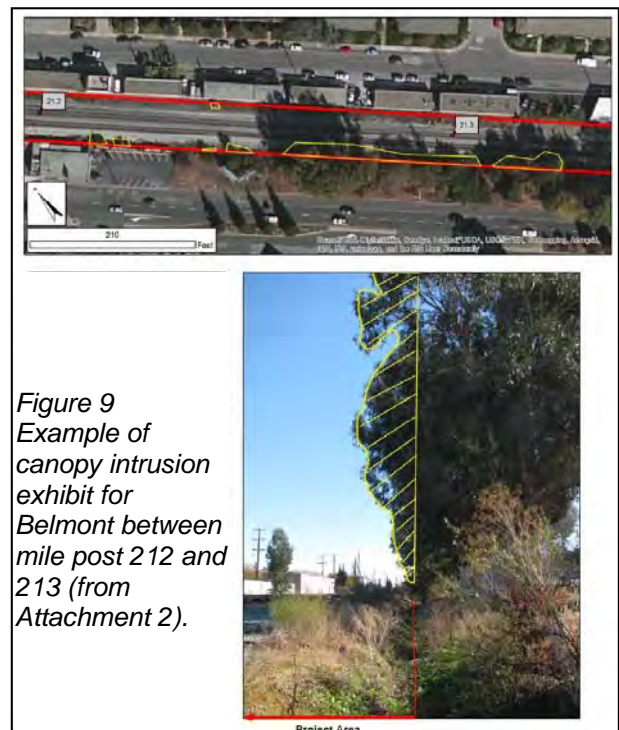


Figure 9
Example of canopy intrusion exhibit for Belmont between mile post 212 and 213 (from Attachment 2).

and pruned) by jurisdiction ranged from 0 to 915 (median 231 trees).

Table 2: Estimated number of trees with canopy intruding into the Project Area, and number of trees that would be removed and pruned for the PCEP by jurisdiction.

Estimates include data derived from tree inventories, tree assessments, and limited tree assessments (using models).

Jurisdiction	Mile Posts	Canopy in Project Area (acres)	Est. Number of Trees		
			Remove	Prune	Impacted
San Francisco	0-5.2	0.23	51	9	60
Brisbane	5.2-7.9	0.18	14	22	36
South San Francisco	7.9-10.4	0.96	77	151	228
San Bruno	10.4-11.9	0.13	10	21	31
Unincorporated 1	11.9-12.5	0.61	49	98	147
Millbrae	12.5-13.8	0.29	23	46	69
Burlingame	13.8-16.7	2.52	85	154	239
San Mateo	16.7-21.1	1.76	141	279	420
Belmont	21.1-22.6	0.42	34	66	100
San Carlos	22.6-24.5	0.97	78	153	231
Redwood City	24.5-26.6	0.84	67	134	201
Unincorporated 2	26.4-27.5	0.68	50	144	194
Atherton	27.4-28.2	1.35	142	206	348
Menlo Park	28.1-29.7	2.33	188	441	629
Palo Alto	29.7-33.6	3.27	177	481	658
Mountain View	33.5-37.5	2.03	284	292	576
Sunnyvale	37.5-41.5	3.46	497	418	915
Santa Clara	40.8-45.3	1.20	96	191	287
San Jose	45.3-52.0	1.95	157	310	467
Unincorporated 3	51.4-52.0	0.00	0	0	0
Total		25.18	2220	3616	5835
Standard Error			11.28		14.70
95% Confidence Interval			1905-2536		5276-6394

Note: All tree numbers rounded to whole numbers

4.3 Summary of Tree Inventory

In the Tree Inventory areas we collected a variety of data for 2,672 individual trees. These data are presented for each tree in Attachment 3. The Project Area was subsequently reduced to 24 feet, which required making some adjustments to the data, and reduced the number of trees within the Project Area to 2,172 trees. All results reported are for the 2,172 trees within the 24 feet Project Area.

4.3.1 Property Ownership and Protected Trees

In the areas inventoried, 30% of the trees were located on private property; 19% on public property, and 51% within the Caltrain ROW. Atherton had the most trees on private property; Palo Alto, the least (Table 3).

There were 1,007 trees that are protected by local tree preservation ordinances (Table 3). Menlo Park had more than double the number of protected trees as any other jurisdiction.

Table 3. Summary of number of trees, number of species, and ownership for Tree Inventories.

Jurisdiction	# of Species	# of Trees	# Protected	Private	Public	ROW
Burlingame	9	141	76	-	101	40
San Mateo Co.	11	101	46	17	9	75
Atherton	25	348	173	265	31	52
Menlo Park	39	629	390	186	58	385
Palo Alto	31	464	162	23	212	229
Sunnyvale	35	489	160	162	1	326
Total	82	2172	1007	653	412	1107

4.3.2 Tree species

Eighty-two (82) species of trees were present in the Tree Inventory (Table 4). The most diverse urban forest was Menlo Park with 39 species, but Menlo Park also had the most trees assessed in the Tree Inventory. Only blackwood acacia, coast live oak and coast redwood were found in all six jurisdictions in which Tree Inventories were performed.

Table 4. Occurrence of Tree Species by Jurisdiction

Species	Burlingame	San Mateo Co.	Atherton	Menlo Park	Palo Alto	Sunnyvale
African sumac	-	-	-	-	-	X
Aleppo pine	-	-	-	●	●	-
Almond	-	-	-	●	●	-
American elm	-	-	●	●	-	-

Species	Burlingame	San Mateo Co.	Atherton	Menlo Park	Palo Alto	Sunnyvale
Arizona cypress	-	-	-	●	-	-
Austrian pine	-	-	-	-	●	-
Avocado	-	-	-	●	-	-
Bailey acacia	●	●	●	-	●	-
Blackwood acacia	●	●	●	●	●	●
Blue gum	●	●	●	●	●	-
Bottlebrush	-	-	-	-	-	●
Brisbane box	-	-	-	-	-	●
California bay	-	-	-	●	●	-
California black walnut	-	-	●	●	●	-
California pepper	-	-	-	-	●	●
Callery pear	-	-	●	●	-	●
Camphor	-	-	-	●	-	-
Canary Island palm	-	-	●	●	-	-
Canary Island pine	-	-	-	-	-	●
Carob	-	-	-	-	●	-
Carrotwood	-	-	-	-	●	●
Casurina	-	-	-	-	-	●
Cedar of Lebanon	-	-	-	-	●	-
Chestnut	-	-	-	●	-	-
Chinese elm	-	-	-	●	-	●
Chinese pistache	-	-	-	●	●	-
Coast live oak	●	●	●	●	●	●
Coast redwood	●	●	●	●	●	●
Compact blue gum	-	-	●	-	●	-
Compact myrtle	-	-	-	-	-	●
Cork screw willow	-	-	-	●	-	-
Crape myrtle	-	-	-	-	-	●
Deodar cedar	-	-	-	-	●	●
Douglas fir	-	-	-	-	●	-
English walnut	-	-	-	●	●	-
Evergreen ash	-	-	-	●	-	●
Evergreen elm	-	-	-	-	●	-
Evergreen pear	●	-	-	-	-	-
Flaxleaf paperbark	-	-	-	-	-	●
Fremont cottonwood	-	-	-	●	-	-
Glossy privet	-	●	●	-	●	●
Hackberry	-	-	-	-	-	●
Holly leaf cherry	-	-	-	-	●	-

Species	Burlingame	San Mateo Co.	Atherton	Menlo Park	Palo Alto	Sunnyvale
Holly Oak	-	-	-	●	●	●
Hollywood juniper	-	-	-	●	●	●
Hopseed	-	-	-	-	-	●
Idaho locust	-	-	-	●	-	-
Italian buckthorn	-	-	●	-	-	-
Italian cypress	-	-	-	-	-	●
Italian stone pine	-	-	●	●	-	-
Japanese maple	-	-	-	●	-	-
Juniper	●	-	-	-	●	-
Lombardy poplar	-	-	-	-	-	●
London plane	-	-	-	●	-	●
Manna gum	-	-	-	-	●	-
Mexican fan palm	-	-	-	-	-	●
Monterey pine	-	●	●	●	●	●
Monterey cypress	-	-	●	-	-	-
Mulberry	-	●	-	-	-	-
Myoporum	-	-	-	●	-	●
Olive	-	-	●	-	-	-
Persimmon	-	-	-	●	-	-
Photinia	-	-	-	-	-	●
Pittosporum	-	-	●	●	-	-
Plum	-	●	●	●	-	-
Podocarpus	-	-	●	-	-	●
Portuguese laurel	-	-	-	●	●	-
Purple leaf plum	-	-	-	-	-	●
Red iron bark	-	-	-	●	-	●
River red gum	-	●	●	-	●	-
Silver dollar gum	●	-	●	●	-	●
Swamp mahogany	-	-	●	-	-	●
Sweetgum	-	-	●	-	-	-
Tarata	●	-	-	-	-	-
Tree of heaven	-	-	●	●	●	-
Valley oak	-	●	●	●	●	-
Victorian box	-	-	-	-	●	-
Willow	-	-	-	●	-	-
Windmill palm	-	-	-	●	-	-
Zylosma	-	-	-	-	-	●
Number of Species	9	11	25	39	31	35

4.3.3 Tree Size

The size of each tree was characterized by the trunk diameter. Trunk diameters were grouped into seven categories ranging from 4 inches to 42+ inches. The size distribution of the Tree Inventory areas were skewed towards small trees (Fig. 10). Almost half of all trees had trunk diameters smaller than 12" in diameter. There were 901 trees less than 12 inches (41%) and 53 trees greater than 41 inches in diameter (2%). These data represent a predominately young to semi-mature urban forest overall. There were differences by jurisdiction, however. For instance, 22% of trees in Atherton were 24 inches and larger in diameter (Fig. 11). In contrast, in Sunnyvale only 8% were larger than 24 inches in diameter (Fig. 12). Sunnyvale's trees were younger in comparison to Atherton's trees.

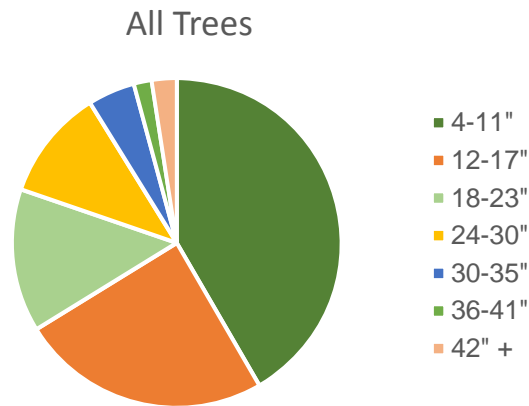


Figure 10 Size distributions of trunk diameters of 2172 trees in the in the PCEP Tree Inventory.

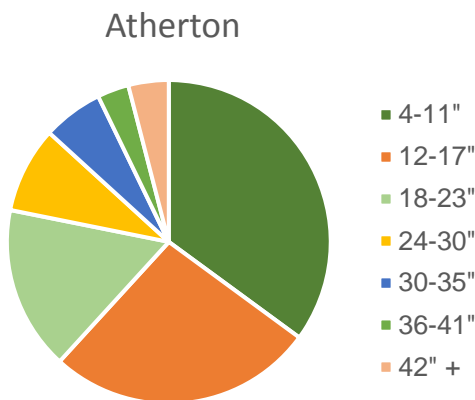


Figure 11 Size distributions of trunk diameters of in the Tree Inventory for 348 trees in Atherton.

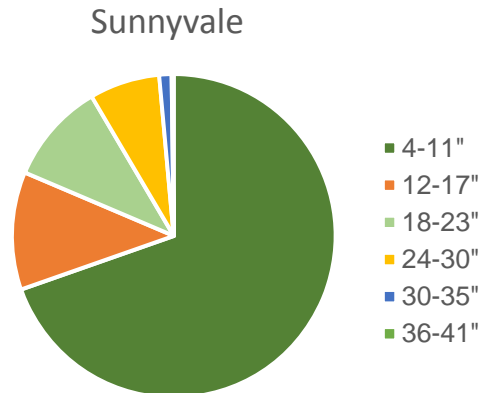


Figure 12 Size distributions of trunk diameters of in the Tree Inventory for 489 trees in Sunnyvale.

4.3.4 Tree Condition

For the Tree Inventory, condition was rated on a scale of 1 (poor) to 5 (excellent) within inventory areas were most commonly in fair condition. We used a five point scale where 5 was excellent, 4 was good, 3 was fair, 2 was poor and 1 was very poor condition. Almost one-half (49%) of all trees inventoried were in fair condition. Twenty four (24%) percent of trees were in good condition, and 8% of trees were in excellent condition. Trees in poor and very poor condition are generally recommended for removal unless they provide unique value. Over the whole site, 14% of trees were in poor condition and 5% were in very poor condition. Contrasting two different jurisdictions, Atherton had both a higher percentage of trees in poor condition and a higher percentage of trees in good condition than Sunnyvale which mostly had trees in fair condition.

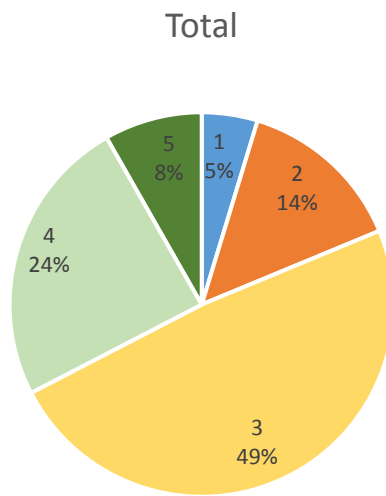


Figure 13 Condition ratings of 2172 trees in the in the PCEP Tree Inventory.

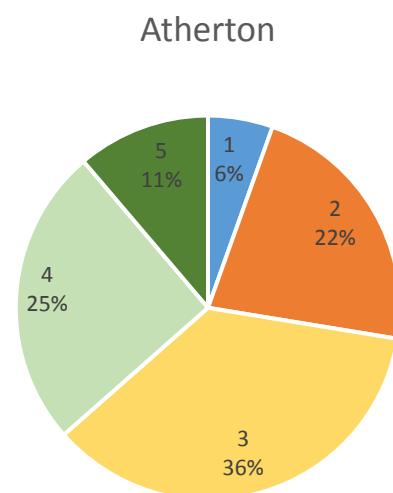


Figure 14 Condition ratings of 348 trees in the in the PCEP Tree Inventory.

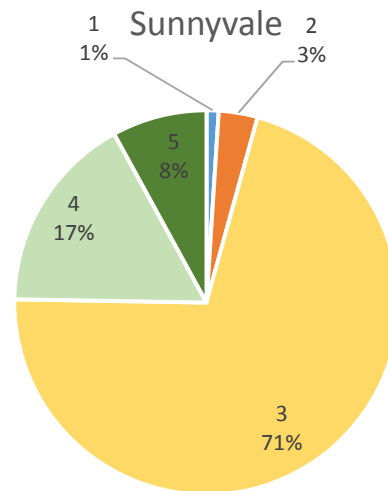


Figure 15 Condition ratings of 489 trees in the in the PCEP Tree Inventory.

4.3.5 El Palo Alto and Jules Francard Grove

There were some unique trees within the Project Area of particular note. El Palo Alto, the tree for which Palo Alto is named, is a coast redwood that is approximately 1100 years old. The trunk was approximately 25 feet from the tracks, putting it just outside of the Project Area (Fig. 13). The canopy extended to within 12 feet of the tracks (12 feet into the Project Area). Using the worst-case assumptions of side pole OCS placement, pruning would be required to reduce canopy 12 feet on the west side. However, given the landmark status of this tree, the JPB altered the design to place the OCS within the San Franciscquito Bridge superstructure and thus avoid the need for pruning of this tree. Where outer limbs encroach on the bridge superstructure, pruning will be conducted consistent with current maintenance practices for safety (see also Attachment 2, Exhibit PA-3).

The historic Jules Francard Grove of blue gum eucalyptus in Burlingame borders the tracks from MP 15.4 to MP 16.3 (Fig. 14). This is a grove of trees planted in the 1880s by John McLaren that is now owned by the City of Burlingame. Most of the trees were outside the Project



Figure 16 El Palo Alto is located 25 feet from the track.

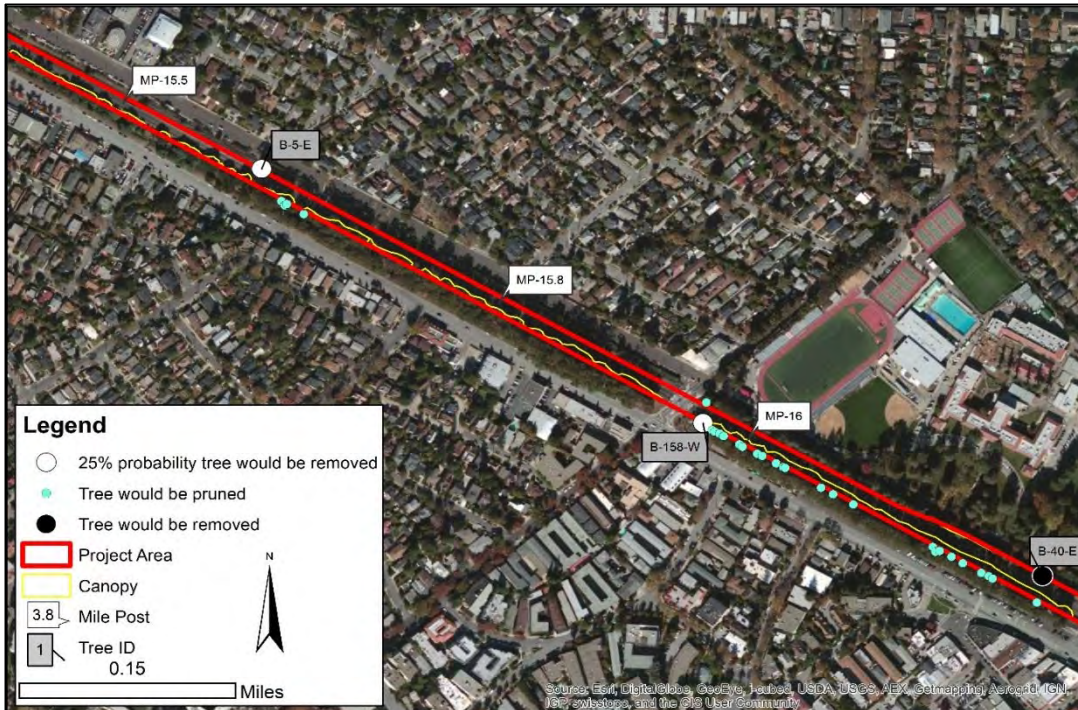


Figure 17 The Jules Francard Grove of blue gum eucalyptus will likely be impacted. Blue dots are trees requiring pruning (28 trees), the black dot is the one tree requiring removal, and for two white dots it is unclear whether these trees would be pruned or removed.

Area; 31 trees would be impacted over half of which were in poor condition. Tree B-40-3 would be removed if the third rail requires electrification. There is a 25% likelihood (due to change in size of Project Area) that trees B-5-E and B-158-W would be removed because of severity of pruning required to provide clearance. Twenty-eight (28) trees would be pruned. The majority of the trees in the Jules Francard Grove would not be affected by the project.

4.3.6 Impacts to Trees

Because individual trees were assessed and the condition rated in the Tree Inventory, we are able to identify trees that would be removed for the PCEP that were in poor condition (Table 5). Of the 736 trees identified for removal, 111 were in poor condition (15%).

Table 5. Estimated PCEP Impacts to Trees in Tree Inventory Areas by Condition of Tree.

Jurisdiction	Estimated No. Trees to Remove		Estimated No. Trees to Prune	Estimated Total Number of Trees Impacted
	Poor Condition	Fair to Excellent Condition		
Burlingame	13	37	91	141
San Mateo Co.	9	7	85	101
Atherton	39	103	206	348
Menlo Park	20	163	446	629
Palo Alto	22	85	357	464
Sunnyvale	8	341	140	489
Total	111	736	1325	2172

5.0 Conclusions

Based on our assessments and canopy analysis of trees with the PCEP, we find the following:

1. The PCEP would require removal of approximately 25.18 acres of tree canopy.

Canopy intrusion estimates were developed by creating polygons around vegetation canopy extending into the Project Area in ArcMap with NAIP 2009 base image.

2. Impacts to trees would occur from vegetation clearance required within the Project Area.

We estimated that 5,835 trees would be impacted: 3,616 would be pruned to provide clearance, and 2,220 trees would be removed.

3. The PCEP will have variable impact on the trees in the 19 jurisdictions through which it traverses.

Canopy intrusion into the Project Area by jurisdiction ranged from 0 to 3.46 acres (median 0.96 acre). Estimated number of trees that would be removed by jurisdiction ranged from 0 to 497 trees (median 78 trees). The estimated number of trees by jurisdiction that would be pruned ranged from 0 to 481 trees in (median 153 trees). The estimated number of trees to be impacted (removed and pruned) by jurisdiction ranged from 0 to 915 (median 231 trees). The lowest number of trees to be impacted was in Santa Clara County; the highest, in Sunnyvale (see Table 2 data for each jurisdiction).

4. Some trees intruding into the Project Area should be removed because they are in poor condition.

We did not evaluate individual trees for the entire PCEP (estimated 5,835 trees). Of the 2,172 trees that we inventoried, we estimated 868 would be removed due to project impacts. One hundred twenty-one (121, 14%) of those were in poor condition and should probably be removed regardless of the project.

5. For the Tree Inventory areas, most of trees that would be impacted reside in Caltrain's ROW.

In the areas inventoried, 30% of the trees were located on private property; 19% on public property, and 51% within the Caltrain ROW. Atherton had the most trees on private property (76%); Palo Alto, the least (5%) (see Table 3).

6. The PCEP would have several positive impacts to the urban forest.

- a. **Removing trees in poor condition within the Project Area would reduce the risk to users, facilities and equipment from structural failure of poor condition trees.** Many trees were senescent and/or possessed defects in structure that would increase their likelihood for failure. Removing those trees would improve system and public safety.
- b. **Removing trees in dense canopy areas may reduce fuel loads, thereby reducing fire hazards.** Removing dead trees, low branches and thinning stands of trees are common fire management strategies.

- c. **Removing invasive exotic tree species can help protect nearby natural areas and landscapes.** For instance, of the trees within the Tree Inventory areas that would be removed, 40 are Tree of Heaven, a plant that readily spreads by root suckers and seed. Although the numbers of invasive trees are relatively small, removing those trees would eliminate them as a source of propagules to invade other landscapes.
- d. **In stands of trees where trees are densely planted, removing some trees may allow better development of neighboring trees.** When trees are removed, openings are created through which remaining trees' access to sunlight may be increased. This can improve growth and health of remaining trees.

6.0. Potential Tree Mitigation Measures

There are a variety of ways impacts to trees could be partially or wholly mitigated.

1. **Minimize tree loss and severity of pruning by alternative pole design where feasible and consistent with railroad operational safety and maintenance requirements.**

Reducing the width of the Project Area in locations where trees would be removed or heavily pruned would minimize and possibly eliminate tree impacts.

7. **Replant trees where screening was lost and space is available.**

Many jurisdictions require tree replacement planting or funding for planting on other properties (see Attachments 1 and 2 for descriptions). Where local tree ordinances do not specify replacement requirements, a reasonable replacement ratio for protected trees outside of the ROW would be a 2:1 ratio using 15-gallon trees. Although local tree ordinances do not specify replacement requirements for non-protected trees, a reasonable replacement ratio would be a 1:1 ratio, using 15-gallon trees. Replacing trees inside the ROW at a ratio of 1:1 using 15-gallon trees is suggested.

However, planting in dense areas of trees can create problems rather than mitigate for the tree losses. Replacing lost screening with desirable species at adequate spacing is the best replacement strategy.

3. **Where there is no space for planting to new trees, contribute to planting programs that increase tree canopy in other locations.**

Collaborate with municipal parks departments and local not-for-profit tree organizations to identify locations where additional tree canopy is needed.

4. **Use best management practices when pruning and removing trees.**

Contractors that prune and remove trees should be qualified and use industry standards to perform the work (see *ANSI A300 Pruning Standard*, *ISA Best Management Practice, Pruning*). Appropriate nesting bird surveys should be performed prior to tree pruning and/or removal.

5. Plan to preserve existing trees outside the building envelope when designing new facilities.

Existing trees should be included in the design of facilities just like any other site feature. The first step in accomplishing this is to accurately plot trunk locations of all existing trees on all site development and construction plans. Include a consulting arborist on the design team to identify appropriate tree protection zones and provide advice about tree preservation techniques (see Matheny and Clark 1998 for further information).

6. Protect trees near new facility construction from injury.

Where new facilities will be constructed and work areas staged, it is important to protect nearby trees from inadvertent injury. This can be accomplished by installing temporary protection fencing around tree protection zone of all trees near construction or staging areas.

Prepared by:
HortScience, Inc.



Nelda Matheny, MS
President
Board Certified Master Arborist #WE-0195B
Registered Consulting Arborist #243



Ryan Gilpin, MS
Environmental Analyst
Certified Arborist #WE-10268A



Attachment 1

**Tree Protection Requirements
by Jurisdiction**

DRAFT Tree Inventory and Canopy Assessment
Peninsula Corridor Electrification Project
February 2014



Attachment 1: Tree Protection Requirements by Jurisdiction.

Jurisdiction	Definition of Protected Trees	Removal permit needed?	Pruning permit needed?	Replacement requirement	Recommended replacement for trees to be removed in PCEP (15-gal. unless stated otherwise)
San Francisco (Public Works Code: Article 16)	Significant tree = 12" DBH and larger; taller than 20' or a canopy wider than 15'. Heritage tree = designated by City.	Yes; issued by Director	Not stated	Not stated in code, but guidance states that replacement tree is required for each tree removed.	<u>Inside ROW:</u> 1:1 for all trees <u>Outside ROW:</u> 2:1 for protected tree 1:1 for non-protected tree
Brisbane (Municipal Code Chapter 12.12)	Protected = bay, coast live oak, buckeyes and all street trees 12" and larger at 24" height.	Yes if 10" and larger at 24" height.	Yes if pruning more than 50% of canopy of a tree 10" and larger at 24" height.	Not stated in code, but tree removal permit states replacement is usually one or more trees.	<u>Inside ROW:</u> 1:1 for all trees <u>Outside ROW:</u> 2:1 for protected tree 1:1 for non-protected tree
South SF (Municipal Code Chapter 12.30)	Protected = 15.3" DBH and larger at 54" height.	Yes for Protected tree	Not stated	Not stated	<u>Inside ROW:</u> 1:1 for all trees <u>Outside ROW:</u> 2:1 for protected tree 1:1 for non-protected tree
San Bruno (Municipal Code Chapter 8.25)	Heritage tree = any native tree 6" DBH and larger (Bay, buckeye, oak, redwood, Monterey pine). Other species 10" DBH and larger.	Yes	Yes, when removing more than 1/4 of crown or 1/4 of roots.	Two 24"-box trees or one 36"- box for each heritage tree removed.	<u>Inside ROW:</u> 1:1 for all trees <u>Outside ROW:</u> 1:1 (36" box) for heritage tree 1:1 (15-gal.) for non-protected tree
San Mateo Co. (Ordinance Code Division 8, Part 3, Section 12)	Significant tree = 12" DBH and larger.	Yes for Significant tree	Permit need for significant native species when a cut 19" and larger is needed	Determined by design committee.	<u>Inside ROW:</u> 1:1 for all trees <u>Outside ROW:</u> 2:1 for protected tree 1:1 for non-protected tree

Jurisdiction	Definition of Protected Trees	Removal permit needed?	Pruning permit needed?	Replacement requirement	Recommended replacement for trees to be removed in PCEP (15-gal. unless stated otherwise)
Millbrae (Municipal Code Chapter 8.60)	Trees on private property not protected. City street trees of any size and species are protected.	No, street trees only	No, street trees only	No, street trees only	<u>Inside ROW:</u> 1:1 for all trees <u>Outside ROW:</u> 2:1 for protected tree 1:1 for non-protected tree
Burlingame (Municipal Code Chapter 11.06)	Protected = 15.3" DBH and larger	Yes	Yes when removing more than 1/3 of the crown.	Not stated	<u>Inside ROW:</u> 1:1 for all trees <u>Outside ROW:</u> 2:1 for protected tree 1:1 for non-protected tree
San Mateo (Municipal Code Chapter 13.52)	Heritage tree = any native species 10" or larger measured at 48" height or any other species 16" and larger at 48" height.	Yes for Heritage tree	Yes for Heritage	Heritage tree ordinance specifies one 24"-box size for heritage tree removal. There are other tree replacement requirements that apply only to planning applications.	<u>Inside ROW:</u> 1:1 for all trees <u>Outside ROW:</u> 1:1 (24"-box) for protected tree 1:1 (15-gal.) for non-protected tree
Belmont (Municipal Code Chapter 25)	Protected tree = any tree 10" DBH and larger.	Yes for Protected tree	Yes for excess pruning on Protected trees .	Determined by City, up to 3:1 of 15-gal. size or payment of an "in lieu" fee.	<u>Inside ROW:</u> 1:1 for all trees <u>Outside ROW:</u> 3:1 for protected tree 1:1 for non-protected tree
San Carlos (Municipal Code Chapter 18.18.070)	Protected tree = 11.5" or larger at 48" height (except Bailey's, green, and blackwood acacia; tree of heaven; fruit trees; Monterey pine; eucalyptus planted after 1925). Bay; buckeye; coast live, valley, blue and interior live oak; and madrone are protected at 9.5" (add together multi-trunk diameters) at 48" height.	Yes for Protected tree	Yes when removing more than ¼ of Protected tree's crown.	Minimum size 24"-inch box specimen tree of a species, size and location as determined by Community Development Director.	<u>Inside ROW:</u> 1:1 for all trees <u>Outside ROW:</u> 1:1 (24"-box) for protected tree 1:1 (15-gal.) for non-protected tree

Jurisdiction	Definition of Protected Trees	Removal permit needed?	Pruning permit needed?	Replacement requirement	Recommended replacement for trees to be removed in PCEP (15-gal. unless stated otherwise)
Redwood City (Municipal Code Chapter 35)	Protected tree = 12" and larger at the largest point between 6" to 36" height. Heritage tree = designated by city	Yes	Yes, must meet industry standard	Not stated	<u>Inside ROW:</u> 1:1 for all trees <u>Outside ROW:</u> 2:1 for protected tree 1:1 for not protected tree
Atherton (Municipal Code Chapter 8.10)	Heritage = Live, blue, valley oaks 15.3 inches and greater at 48" above grade.	Yes	Yes for excessive pruning on Heritage tree.	Not stated in ordinance but Tree Removal Procedures indicate replacement with three 15-gal., or two 24"-box, or one 15-gal and one 36"-box may be required.	<u>Inside ROW:</u> 1:1 for all trees <u>Outside ROW:</u> 3:1 for protected tree 1:1 for non-protected tree
Menlo Park (Municipal Code Chapter 13.24)	Heritage tree = native <i>Quercus</i> sp. 10" DBH and larger or other species 15" DBH and larger.	Yes	Yes when removing more than 1/4 of crown.	2:1 replacement for commercial projects from selected species list using min. 15-gal.	<u>Inside ROW:</u> 1:1 for all trees <u>Outside ROW:</u> 2:1 for protected tree 1:1 for non-protected tree
Palo Alto (Municipal Code Chapter 8.10)	Protected = <i>Quercus</i> 11.5" DBH and larger; Redwood 18" DBH and larger. Tree = 4" DBH and larger	Yes	No permit, but pruning more than 25% of crown is prohibited	On-site replacement based on tree canopy tree ratio. Ratios range from 2 to 6 box trees depending on canopy size using 24"- to 48"-box trees. Off-site replacement based on tree value.	<u>Inside ROW:</u> 1:1 for all trees <u>Outside ROW:</u> Protected tree based on canopy size: 4'-9": 2:1 (24"-box) 10'-27": 3:1 (24"-box) 28'-40": 4:1 (24"-box) 40'-56": 6:1 (24'-box) >56': 6:1 (24"-box (2), 36"-box (2) and 48"-box (2)) 1:1 for non-protected tree

Jurisdiction	Definition of Protected Trees	Removal permit needed?	Pruning permit needed?	Replacement requirement	Recommended replacement for trees to be removed in PCEP (15-gal. unless stated otherwise)
Mountain View (Municipal Code Chapter 32.25)	Heritage tree = any <i>Quercus</i> , sequoia or <i>Cedrus</i> 4" DBH and larger and any species 15" DBH and larger including multi-trunked trees w/ major branches below 54" with >15" trunk measured just below first major trunk fork.	Yes	Yes	General conditions for tree removal permits state that mitigation is to be determined by the city arborist and planning based on number, species, size and location. Minimum replacement noted as one 24"- box tree.	<u>Inside ROW:</u> 1:1 for all trees <u>Outside ROW:</u> 2:1 for protected tree 1:1 for non-protected tree
Sunnyvale (Municipal Code Chapter 19.94)	Protected = 12" DBH and larger (for multi-stem, one trunk measuring 12" DBH or all diameters total 36" DBH and larger). Tree = 4" DBH and larger.	Yes for Protected tree	Yes	Replacement for Protected trees 1:1 (24"-box)	<u>Inside ROW:</u> 1:1 for all trees <u>Outside ROW:</u> 1:1 (24- box) for protected tree 1:1 (15-gal.) for non-protected tree
Santa Clara (General Land Use Policy 5.3.1)	Protected = any designated city tree; any heritage tree; trees 12" @ 24". Tree = single or multi-trunk 4" @ 54"	Yes for Protected tree	Yes only for street trees.	Mitigation determined by City Arborist	<u>Inside ROW:</u> 1:1 for all trees <u>Outside ROW:</u> 2:1 for protected tree 1:1 for non-protected tree
San Jose (Municipal Code Chapter 13.32)	Tree = any plant exceeding 6" diameter at 24" height Multi-trunk = sum of all stems (used for mitigation purposes) Ordinance size = 18" diameter or larger at 24" height Heritage tree – designated by city council	Yes for Ordinance Size tree	Yes for Ordinance Size	Final mitigation determined by the city arborist and planning, but usually based on size & species.	<u>Inside ROW:</u> 1:1 for all trees <u>Outside ROW:</u> 2:1 for protected tree 1:1 for non-protected tree

Jurisdiction	Definition of Protected Trees	Removal permit needed?	Pruning permit needed?	Replacement requirement	Recommended replacement for trees to be removed in PCEP (15-gal. unless stated otherwise)
Santa Clara Co. (Ordinance Code Section C16)	Protected tree 12" DBH and larger including multi-stemmed trees with diameters totaling 24" and larger	Yes for Protected tree	Not stated	Replace with like and kind removed determined by planning department. General guidance in the Tree Preservation Brochure recommends ratios depending on tree size of three to five 15-gal trees or two to four 24"-box trees.	<u>Inside ROW:</u> 1:1 for all trees <u>Outside ROW:</u> Replacement based on tree size (DBH): <12" DBH: 1:1 12"-18": 3:1 18"-24": 4:1 >24": 5:1



Attachment 2

**Results of Tree Inventory and Canopy
Assessment by Jurisdiction**

DRAFT Tree Inventory and Canopy Assessment
Peninsula Corridor Electrification Project
February 2014



DRAFT
Tree Inventory and Canopy Assessment, PCEP
Attachment 2

Table of Contents

	Page
San Francisco	A2-1
Brisbane	A2-6
South San Francisco	A2-10
San Bruno	A2-14
Unincorporated San Mateo	A2-18
Millbrae	A2-26
Burlingame	A2-30
San Mateo	A2-37
Belmont	A2-41
San Carlos	A2-45
Redwood City	A2-49
Atherton	A2-53
Menlo Park	A2-58
Palo Alto	A3-63
Mountain View	A2-71
Sunnyvale	A2-76
Santa Clara	A2-84
San Jose	A2-88
Unincorporated Santa Clara	A3-92

DRAFT Tree Inventory and Canopy Assessment, PCEP

Attachment 2: San Francisco

Summary

San Francisco was one of the least densely tree populated sections of track and one of the longest track miles. Based on the Tree Assessment (TA), we estimated 60 trees in the Project Area, 51 of which would be removed (Table SF-1). The majority of these trees were London plane and Monterey cypress.

Table SF-1 – Summary of San Francisco Tree Estimates

	TA (MP 0-5.2)
Canopy in Project Area (acres)	0.23
Estimated Number of Trees to Remove	51
Estimated Number of Trees to Prune	9
Estimated Total Trees	60

Tree Ordinance

The City of San Francisco protects all trees within 10 feet of a public ROW, and trees that are greater than 12 inches DBH, 20 feet tall, or canopy 15 feet (Municipal Code Chapter 800). A permit from the Department of Public Works is required to remove protected trees.

Description of Trees

The most common species present in San Francisco's Project Area were semi-mature London plane and Monterey cypress (Table SF-2). The Monterey cypress tended to be young; the eucalyptus (third most common tree), generally mature. Many acacia saplings were located near mile post 4.2. While these saplings were not large enough to be included in this assessment, they will grow rapidly into large trees.

Table SF-2 – Tree Taxa Encountered in San Francisco Tree Assessment (mile post 0 to 5.2)

Common Name	Scientific Name	Estimated Percentage of Population
Acacia	<i>Acacia sp.</i>	2%
Calif. Buckeye	<i>Aesculus californica</i>	2%
Eucalyptus	<i>Eucalyptus sp.</i>	14%
Fig	<i>Ficus sp.</i>	3%
Monterey Cypress	<i>Hesperocyparis macrocarpa</i>	26%
Myoporum	<i>Myoporum sp.</i>	2%
London plane	<i>Platanus x hispanica</i>	43%

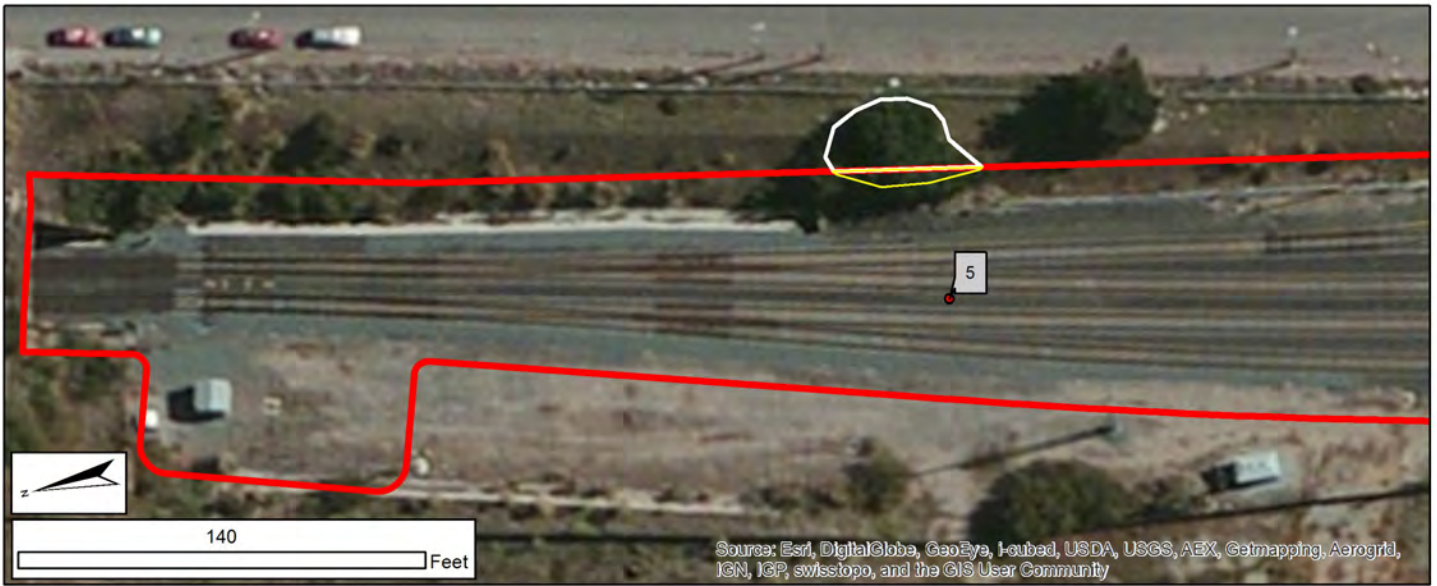
Tree Replacement Requirements

San Francisco’s Municipal Code does not specify tree replacement requirements.

Exhibit SF-1: Map of Jurisdiction of San Francisco

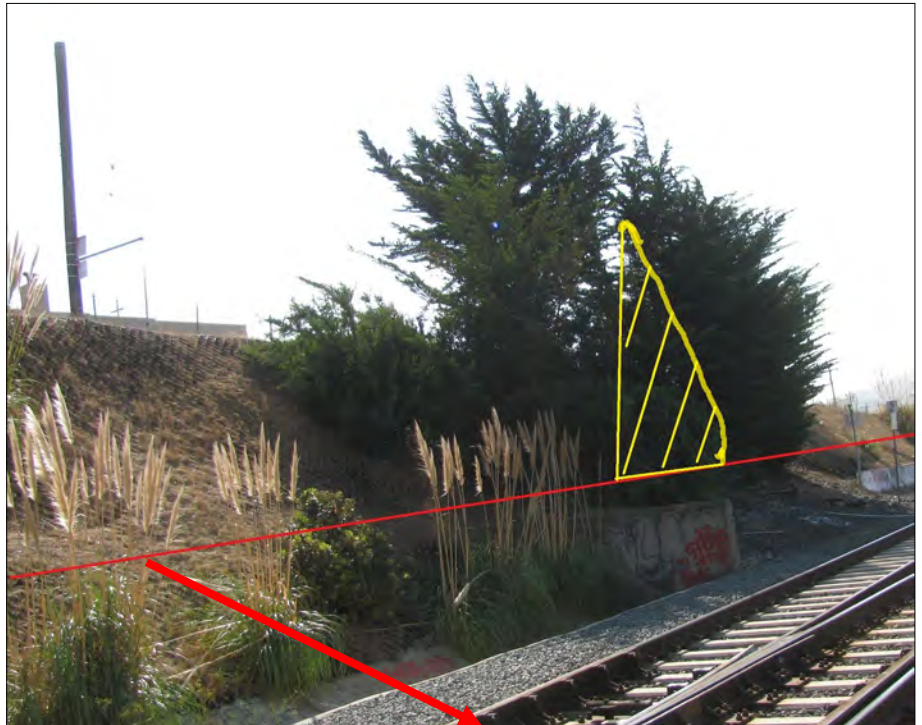


Exhibit SF-2: Detail View of San Francisco



Legend

- Trees
- Mile Post
- Canopy Intrusion
- Non-Intruding Canopy
- Project Area



Project Area

Two cypress trees bordered the Project Area near mile post 5.0 in San Francisco. The trunks of both trees were outside of the Project Area. One cypress would require pruning to remove canopy intruding into the Project Area.

Exhibit SF-3: Detail View of San Francisco Station



Legend

- Trees
- Mile Post
- Canopy Intrusion
- Non-Intruding Canopy
- Project Area



Project Area

Twenty-four (24) London planes bordered the southern edge of the San Francisco Caltrain station. The trunks were an average of 18 feet from the tracks and were within the Project Area. All the trees would be removed with a worst-case OCS side pole assumption. However, with alternative pole placement that do not require outer side pole arrangement then these trees may not be affected.

The City of San Francisco protects trees taller than 20 feet; some but not all of these trees meet that definition. Many of the trees were in poor health and had poor structure.

DRAFT Tree Inventory and Canopy Assessment, PCEP

Attachment 2: Brisbane

Summary

Brisbane was sparsely populated with trees; most were located in the southern half of the jurisdiction. Based on the Tree Assessment (TA), we estimated about 36 trees would be affected by the project (Table Br-1). Fourteen (14) trees would be removed. Nine types of trees were present including: eucalyptus, alder, Brisbane box, willow, acacia, and pine.

Table Br-1 – Summary of Brisbane Tree Estimates

	TA (MP 5.2-7.9)
Canopy in Project Area (acres)	0.18
Estimated Number of Trees to Remove	14
Estimated Number of Trees to Prune	22
Estimated Total Trees	36

Tree Ordinance

The city of Brisbane protects California bays, coast live oaks, California buckeyes and street trees 10" and greater 24" above natural grade (Municipal Code Chapter 12.12). For mitigation purposes, all trees planted by the city, or declared so by the city, are also protected. All trees 10" or greater in trunk diameter at 24" height require a permit for removal regardless of whether they are protected or not. Pruning more than 50% of the canopy of a tree greater than 10" in diameter at 24" height also requires a permit.

Description of Trees

Brisbane was populated primarily with alder, acacia, Brisbane box, eucalyptus, and pine (Table Br-2). The trees in the jurisdiction tended to be semi-mature with more mature trees than young. The alder, willow, and Brisbane box were all in one small patch around mile post 6.8.

Table Br-2 – Tree Taxa Encountered in Brisbane Tree Assessment (mile post 5.2 to 7.9)

Common Name	Scientific Name	Estimated Percentage of Population
Acacia	<i>Acacia sp.</i>	12%
Alder	<i>Alnus sp.</i>	18%
Eucalyptus	<i>Eucalyptus sp.</i>	22%
Brisbane box	<i>Lophostemon confertus</i>	16%
Mayten	<i>Maytenus boaria</i>	4%
Pine	<i>Pinus sp.</i>	10%
Pittosporum	<i>Pittosporum sp.</i>	2%
Willow	<i>Salix sp.</i>	14%
Pepper	<i>Schinus sp.</i>	2%

Tree Replacement Requirements

Brisbane's Municipal Code does not specify tree replacement requirements.

Exhibit Br-1: Map of Jurisdiction of Brisbane



Exhibit Br-2: Detail View of Brisbane



Legend

- Trees
- Mile Post
- Canopy Intrusion
- Non-Intruding Canopy
- Project Area



Project Area

The vegetation through Brisbane was dominated by low-growing shrubs outside of the Project Area. This photo is typical of the Brisbane jurisdiction near mile post 7.5. No trees were present in or adjacent to the Project Area.

DRAFT Tree Inventory and Canopy Assessment, PCEP

Attachment 2: South San Francisco

Summary

South San Francisco had areas of both sparse and dense tree cover and canopy within the Project Area. Our model predicted 228 trees with canopy intruding into the Project Area (Table SS-1). During the Limited Tree Assessment (LTA) we found that substantial portions of the canopy was toyon and bottlebrush which are not classified as trees by the City of South San Francisco. Those canopies were removed from the canopy analysis. *Eucalyptus* and pine made up the majority of tree species in the jurisdiction.

Table SS-1 – Summary of South San Francisco Tree Estimates

	LTA (MP 7.9-10.4)
Canopy in Project Area (acres)	0.96
Estimated Number of Trees to Remove	77
Estimated Number of Trees to Prune	151
Estimated Total Trees	228

Tree Ordinance

The City of South San Francisco protects any tree 15” or greater DBH or those designated by the Director or Parks, Recreation, and Maintenance Services (Municipal Code Chapter 13.30). Pruning more than 33% of the canopy of any protected tree requires a permit.

Description of Trees

The northern section of South San Francisco was dominated by toyon, acacia, and eucalyptus (Table SS-2). A line of bottlebrush bordered the west side of the tracks from mile post 8.7 to 9.0 and a line of 50 young pine trees were from 9.0 to 9.2. From 9.7 to 10.0 a line of mature eucalyptus bordered the tracks. The trees in South San Francisco tended to require removal and varied from young to fully mature.

Table SS-2 - South San Francisco LTA (mile post 7.9-10.4)

Common Name	Scientific Name	Estimated Percentage of Population
Acacia	<i>Acacia sp.</i>	6%
Eucalyptus	<i>Eucalyptus sp.</i>	49%
Brisbane box	<i>Lophostemon confertus</i>	1%
Bottlebrush	<i>Melaleuca citrina</i>	1%
Myoporum	<i>Myoporum sp.</i>	2%
Pine	<i>Pinus sp.</i>	27%
Pittosporum	<i>Pittosporum sp.</i>	4%
London plane	<i>Platanus x hispanica</i>	1%
Lombardy poplar	<i>Populus nigra</i>	9%

Tree Replacement Requirements

South San Francisco's Municipal Code does not specify tree replacement requirements.

Exhibit SS-1: Map of Jurisdiction of South San Francisco



Exhibit SS-2: Detail View of South San Francisco



Legend

- Trees
- Mile Post
- Canopy Intrusion
- Non-Intruding Canopy
- Project Area

This stand of eucalyptus was growing just outside of the Project Area near mile post 9.9 in South San Francisco. These trees had canopy intruding into the Project Area; they expected to tolerate the required pruning. Notice the tracks approximately 10 feet away from these eucalyptus are not in use and not part of the planned electrification.



Project Area

DRAFT Tree Inventory and Canopy Assessment, PCEP

Attachment 2: San Bruno

Summary

Tree canopy within San Bruno's jurisdiction was very sparse with some minor canopy intrusion in the north and one section of denser canopy in the south. The Limited Tree Assessment (LTA) model predicted 31 trees with canopy intrusion into the Project Area (Table SB-1). Twenty-one (21) trees would likely need pruning to provide clearance. The canopy in San Bruno was dominated by eucalyptus, pine, and oak.

Table SB-1 – Summary of San Bruno Tree Estimates

	LTA (MP 10.4-11.9)
Canopy in Project Area (acres)	0.13
Estimated Number of Trees to Remove	10
Estimated Number of Trees to Prune	21
Estimated Total Trees	31

Tree Ordinance

The City of San Bruno protects any native bay, buckeye, oak, redwood, or pine tree 6" or greater DBH and any other tree 10" or more DBH (Municipal Code Chapter 8.25). Pruning of any protected tree requires a permit.

Description of Trees

The northern section of San Bruno contained almost no trees with intruding canopy, and those with intruding canopy would not require pruning but not removal. In the southern section, coast live oaks, Canary Island date palms, Monterey pines, and eucalyptus were common (Table SB-2).

Table SB-2 – Tree Taxa Encountered in San Bruno LTA (mile post 10.4-11.9)

Common Name	Scientific Name	Estimated Percentage of Population
Acacia	<i>Acacia sp.</i>	7%
Eucalyptus	<i>Eucalyptus sp.</i>	33%
Canary Island Date Palm	<i>Phoenix canariensis</i>	7%
Oak	<i>Quercus sp.</i>	20%
Pine	<i>Pinus sp.</i>	33%

Tree Replacement

The City of San Bruno requires trees to be planted for each Heritage tree removed:
1:1 if replacing with 36"-box size trees; 2:1 if replacing with 24"-box size trees.

Exhibit SB-1: Map of Jurisdiction of San Bruno



Exhibit SB-2: Detail View of San Bruno



Legend

- Trees
- Mile Post
- Canopy Intrusion
- Non-Intruding Canopy
- Project Area



Project Area

This stand of eucalyptus in San Bruno was growing outside of the Project Area and had no canopy intruding into the Project Area. These trees are an example of trees near but outside the Project Area that were not included in our assessment.

DRAFT Tree Inventory and Canopy Assessment, PCEP

Attachment 2: Unincorporated 1 and 2, San Mateo County

Summary

Based on a Limited Tree Assessment (LTA) canopy analysis of the 1.7 miles of track in unincorporated San Mateo County and a Tree Inventory (TI) of 101 trees covering 0.3 miles of track, we estimated 341 trees will be impacted within San Mateo County's jurisdiction (Table Un-1). No trees within the Tree Inventory assessment area were heritage, but 46 trees were significant and 16 would be removed.

Table Un-1 – Summary of Unincorporated San Mateo County Tree Estimates

	LTA (MP 11.9-12.5)	LTA (MP 26.4-27.2)	TI (MP 27.2-27.5)	Total
Canopy in Project Area (acres)	0.61	0.39	0.3	1.3
Estimated Number of Trees to Remove	49	31	19	99
Estimated Number of Trees to Prune	98	62	82	242
Estimated Total Trees	147	93	101	341
Estimated Number of Protected Trees	N/A	N/A	76	N/A
Estimated Number of Trees on Private Property	N/A	N/A	0	N/A
Estimated Number of trees on Public Property	N/A	N/A	101	N/A
Estimated Number of Trees on ROW	N/A	N/A	40	N/A

Tree Ordinance

San Mateo County has two categories of protected trees: Heritage trees are defined based on trunk diameter which changes by each species. Significant trees are defined as any tree with a stem of 12 inches DBH or greater. Permits are required for removal of either type of protected tree.

Description of Trees

There were two sections of Unincorporated San Mateo County jurisdiction within the project area: U1 was from approximately mile post 11.9 to 12.6 along the San Francisco International Airport, and U2 was from approximately mile post 26.4 to 27.5 between Redwood City and Atherton. U1 was assessed entirely by LTA, but in U2, just to the north of Atherton, we conducted a Tree Inventory for .3 miles. Near the airport, only the west side of the tracks had canopy intrusion; it appeared to be primarily large blue gum eucalyptus. In the southern section, tree density was similar to Atherton and some of the densest trees along the entire PCEP. Over 60% of the trees were acacia and eucalyptus species (Table Un-2).

**Table Un-2 – Tree Taxa Encountered in Unincorporated San Mateo LTA
(mile post 11.9 to 12.6)**

Common Name	Scientific Name	Estimated Percentage of Population
Acacia	<i>Acacia sp.</i>	24%
Maple	<i>Acer sp.</i>	1%
Citrus	<i>Citrus sp.</i>	1%
Eucalyptus	<i>Eucalyptus sp.</i>	38%
Fig	<i>Ficus sp.</i>	1%
Ash	<i>Fraxinus sp.</i>	1%
Black walnut	<i>Juglans nigra</i>	1%
Glossy privet	<i>Ligustrum lucidum</i>	1%
Pine	<i>Pinus sp.</i>	9%
Purple leaf plum	<i>Prunus cerasifera</i>	2%
Oak	<i>Quercus sp.</i>	11%
Coast redwood	<i>Sequoia sempervirens</i>	10%

Tree Inventory

One hundred and seven (101) trees had canopy within the Project Area from 5th Ave. to the Atherton jurisdiction (Table U2). This area was dominated by blackwood acacia (44), coast live oak (28), and valley oak (12). No trees within the Tree Inventory area were heritage, but 46 trees were significant. Most of the trees were located in the ROW (75 trees), 17 on private property, and 9 on public property. Sixteen (16) trees would be removed; 85 pruned (Table Un-3). Inventory data for each tree are provided in Attachment 3.

Tree Replacement

Tree replacement requirements are determined by the city's Design Committee. There is not standard replacement requirement in the ordinance.

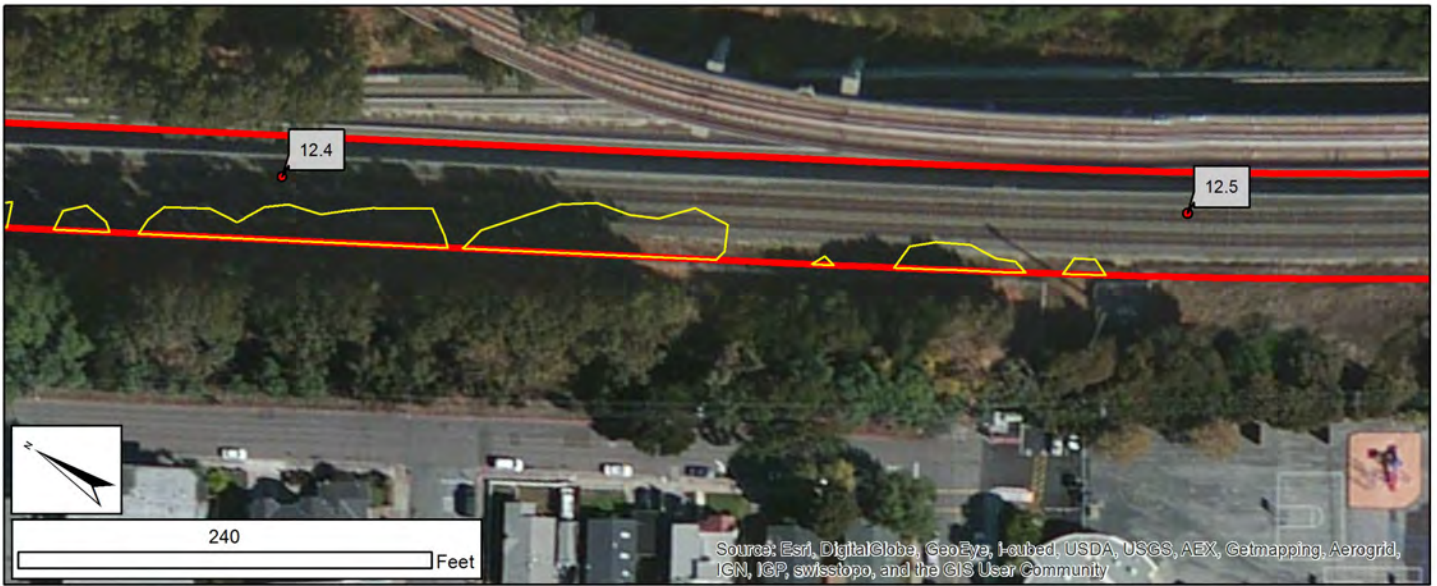
Table Un-3: Removal or pruning required and condition of trees in Unincorporated San Mateo County, mile post 27.2 to 27.5 between Redwood City and Atherton.

Common Name	Scientific Name	Prune			Remove			Total	Percent
		Poor	Fair/Good	Total	Poor	Fair/Good	Total		
Bailey acacia	<i>Acacia baileyana</i>	-	5	5	-	-	0	5	5.0%
Blackwood acacia	<i>Acacia melanoxylon</i>	28	7	35	8	1	9	44	43.6%
Blue gum	<i>Eucalyptus globulus</i>	-	1	1	-	-	0	1	1.0%
Coast live oak	<i>Quercus agrifolia</i>	6	17	23	1	4	5	28	27.7%
Coast redwood	<i>Sequoia sempervirens</i>	-	5	5	-	-	0	5	5.0%
Glossy privet	<i>Ligustrum lucidum</i>	-	2	2	-	-	0	2	2.0%
Monterey pine	<i>Pinus radiata</i>	-	1	1	-	-	0	1	1.0%
Mulberry	<i>Morus alba</i>	-	1	1	-	-	0	1	1.0%
Plum	<i>Prunus domestica</i>	1	-	1	-	-	0	1	1.0%
River red gum	<i>Eucalyptus camaldulensis</i>	-	-	0	-	1	1	1	1.0%
Valley oak	<i>Quercus lobata</i>	-	11	11	-	1	1	12	11.9%
Grand Total		35	50	85	9	7	16	101	
		34.7%	49.5%	84.2%	8.9%	6.9%	15.8%		

Exhibit U1-1: Map of Jurisdiction of Unincorporated San Mateo County



Exhibit U1-2: Detail View of Unincorporated San Mateo County



Legend

- Trees
- Mile Post
- Canopy Intrusion
- Non-Intruding Canopy
- Project Area

There were many large eucalyptus trees in Unincorporated San Mateo County near the San Francisco International Airport. In general, these trees would only require pruning; a few trees would be removed. The photo to the right shows one large eucalyptus tree intruding into the Project Area would require less than 25% of its canopy to be pruned.



Project Area

Exhibit U2-1: Map of Jurisdiction of Unincorporated San Mateo County



Exhibit U2-2: Detail View of U2-35-E



Legend

- Trees
- Mile Post
- Canopy Intrusion
- Non-Intruding Canopy
- Project Area

Tree ID Number	U2-35-E
Trunk Diameter	24-30"
Multi-Stem?	No
Species	Blackwood acacia
Protected by Jurisdiction?	Yes
Trunk in Project Area	No
Trunk distance to track	N/A
Distance of canopy to track	14-18'
Remove tree?	No
Location	Public



Tree U2-35-E was a large blackwood acacia in a park to the east of the railroad tracks (far left). Canopy extended into the Project Area, and require a moderate amount of pruning.

Many small blackwood acacias (seedlings, saplings, and young trees 6-11" diameter) were growing along the fence inside of the ROW and just outside of the Project Area. We estimate that 25% of these trees would require removal due to heavy pruning to provide required clearance.

DRAFT Tree Inventory and Canopy Assessment, PCEP

Attachment 2: Millbrae

Summary

Millbrae's jurisdiction was sparsely populated with one dense area of trees around between mile post 12.9 and 13.0. Our Limited Tree Assessment (LTA) model estimated that 69 trees would be impacted in Millbrae's jurisdiction, including 23 removals (Table M-1). The majority of tree types were eucalyptus, African sumac, acacias and palms.

Table M-1 – Summary of Millbrae Tree Estimates

	LTA (MP 12.5-13.8)
Canopy in Project Area (acres)	0.29
Estimated Number of Trees to Remove	23
Estimated Number of Trees to Prune	46
Estimated Total Trees	69

Tree Ordinance

The City of Millbrae protects only street trees from removal and pruning (Municipal Code Chapter 8.60).

Description of Trees

Millbrae's jurisdiction was sparsely populated with one dense area of trees around between mile post 12.9 and 13.0. Most trees in Millbrae's jurisdiction were young with the exception of a patch of mature eucalyptus. The majority of trees were eucalyptus, African sumac, acacias and palms (Table M-2). Because Millbrae protects only street trees, it is unlikely that any or many protected trees will be impacted by this project.

Table M-2 – Tree Taxa Encountered in Millbrae LTA (mile post 12.5-13.8)

Common Name	Scientific Name	Estimated Percentage of Population
Acacia	<i>Acacia sp.</i>	17%
Carrotwood	<i>Cupaniopsis anacardioides</i>	4%
Eucalyptus	<i>Eucalyptus sp.</i>	22%
Brisbane box	<i>Lophostemon confertus</i>	6%
Melaleuca	<i>Melaleuca sp.</i>	4%
Palm	<i>Phoenix sp. or Washingtonia sp.</i>	15%
Pine	<i>Pinus sp.</i>	4%
Pittosporum	<i>Pittosporum sp.</i>	2%
Oak	<i>Quercus sp.</i>	6%
African sumac	<i>Rhus lancea</i>	17%
Zelkova	<i>Zelkova sp.</i>	6%

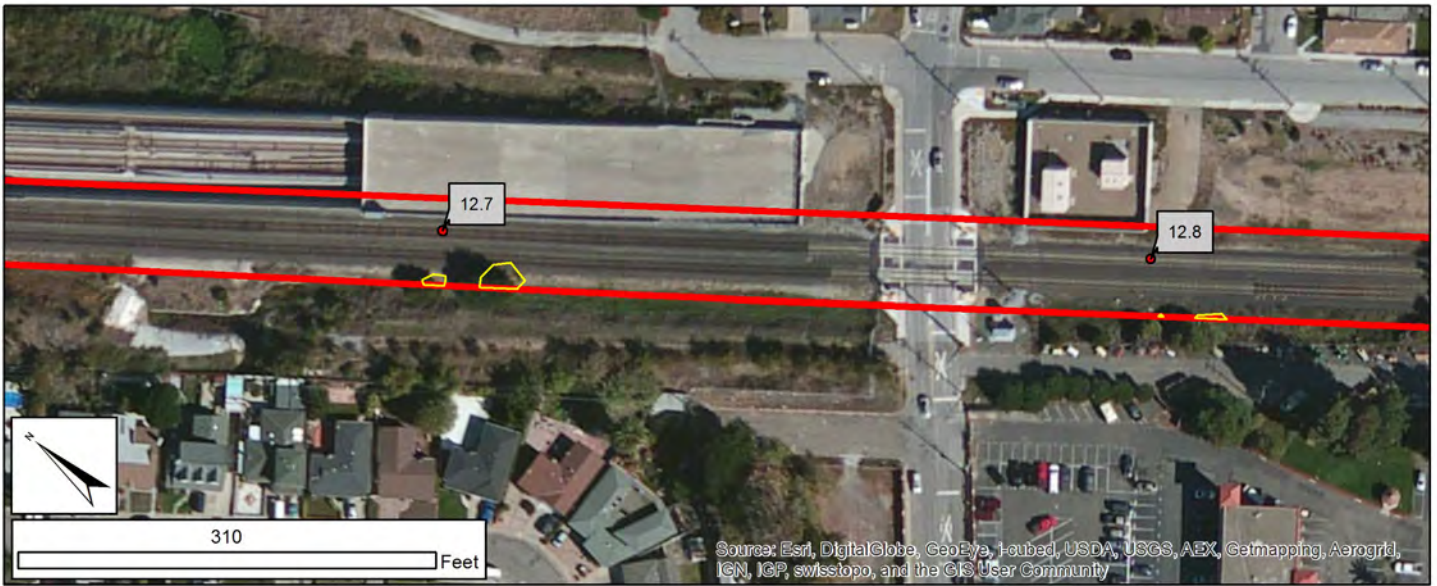
Replacement

Millbrae's Municipal Code requires replacement only if removals are street trees. Few to no street trees will be impacted, therefore, no replacement requirements are anticipated.

Exhibit M-1: Map of Jurisdiction of Millbrae



Exhibit Mi-2: Detail View of Millbrae



Legend

- Trees
- Mile Post
- Canopy Intrusion
- Non-Intruding Canopy
- Project Area



Project Area

This photo shows a relatively sparsely vegetated section of the tracks in Millbrae. In this photo, one oak tree had its trunk within the Project Area. The palm seedling in front of the oak was too small to be included in this assessment.

DRAFT Tree Inventory and Canopy Assessment, PCEP

Attachment 2: Burlingame

Summary

Based on Limited Tree Assessment (LTA) of the entire 2.9 miles of track in Burlingame and a Tree Inventory (TI) of 141 trees covering 1.1 miles of track, we estimated 239 trees would be impacted within Burlingame’s jurisdiction (Table Bu-1). The majority of trees in the Tree Inventory required pruning and would not be removed (65%); 16 protected trees would be removed.

Table Bu-1 – Summary of Burlingame Tree Estimates

	LTA (MP 13.8-15.2)	TI (MP 15.2-16.3)	LTA (MP 16.3-16.7)	Total
Canopy in Project Area (acres)	0.41	2.11	0	2.52
Estimated Number of Trees to Remove	33	52	0	85
Estimated Number of Trees to Prune	65	89	0	154
Estimated Total Trees	98	141	0	239
Estimated Number of Protected Trees	N/A	76	N/A	N/A
Estimated Number of Trees on Private Property	N/A	0	N/A	N/A
Estimated Number of trees on Public Property	N/A	101	N/A	N/A
Estimated Number of Trees on ROW	N/A	40	N/A	N/A

Tree Ordinance

The City of Burlingame protects all trees that are 15.3 inches DBH and those designated by the city council (Municipal Code Chapter 11.06). Pruning more than one-third of the canopy of a protected tree requires a permit.

Description of Trees

Burlingame's stretch of track was dominated by tall, large blue gum eucalyptus. There were two separate stretches of track lined with large eucalyptus: one from mile post from 14.4 to 15.0 and another from 15.6 to 16.3. These areas were dense with large, mature blue gums canopy generally located just outside of the Project Area. In the first area, the trunks were approximately 40 feet away from the tracks with canopies rarely encroaching into the Project Area. In the second area, trunks were approximately 30 feet away from the tracks. Many young ornamental trees were not included in the tree assessments because they were smaller than 6" DBH

In the Limited Tree Assessment areas acacia and eucalyptus were the dominant species (Table Bu-2).

**Table Bu-2 – Tree Taxa Encountered in Burlingame LTA
(mile post 13.8 to 15.2 and 16.3 to 16.7)**

Common Name	Scientific Name	Estimated Percentage of Population
Acacia	<i>Acacia sp.</i>	55%
Maple	<i>Acer sp.</i>	1%
Eucalyptus	<i>Eucalyptus sp.</i>	22%
Canary Island palm	<i>Phoenix canariensis</i>	1%
Canary island pine	<i>Pinus canariensis</i>	2%
Pear	<i>Pyrus sp.</i>	4%
Oak	<i>Quercus sp.</i>	8%
African sumac	<i>Rhus lancea</i>	4%
Coast redwood	<i>Sequoia sempervirens</i>	3%

Tree Inventory

One hundred forty-one (141) trees had canopy within the Project Area between Broadway to North Ln (mile post 15.2 to 16.3, 1.1 miles). Inventory data for each tree are provided in Attachment 3. The west side of the tracks was more densely populated and closer to the tracks than the east side. The majority of trees were large, mature blue gum eucalyptus in fair to poor health; they would not require removal (Table Bu-3). Of the 141 trees within the Tree Inventory, 16 protected trees would be removed. Bailey acacias and coast live oaks lined the west side of the tracks from the end of the Broadway Caltrain Station to the line of blue gums. The east side of the tracks was dominated by blackwood acacia and coast redwood. The majority of the trees on the east side would be impacted by electrification of the set-out track. If this line is not electrified, few trees will be impacted on the east side of the track. The evergreen pears were ornamental trees along the Broadway Caltrain station.

Historic Jules Francard Grove of blue gum eucalyptus bordered the tracks from mile post 15.4 to 16.3. Most of these trees were outside of the Project Area, but 31 trees would be impacted (Exhibit B-2). Over half of these trees (17) were in poor condition. Tree B-40-E will require

removal if the third rail requires electrification; if the plan changes and the third rail does not need to be electrified no trees may require removal. Two trees (B-5-E and B-158-W) require enough pruning that they would require removal. We do not have conclusive data at this point to make this decision. Twenty-eight (28) trees would require pruning but would not require removal. The remaining (and majority) of trees in the Jules Francard Grove in Burlingame would not be affected by the PCEP.

Of the 151 trees inventoried, 76 were protected. There were 101 trees on public lands, 40 within the ROW, and none on private property.

Tree Replacement

Burlingame's Municipal Code does not specify tree replacement requirements.

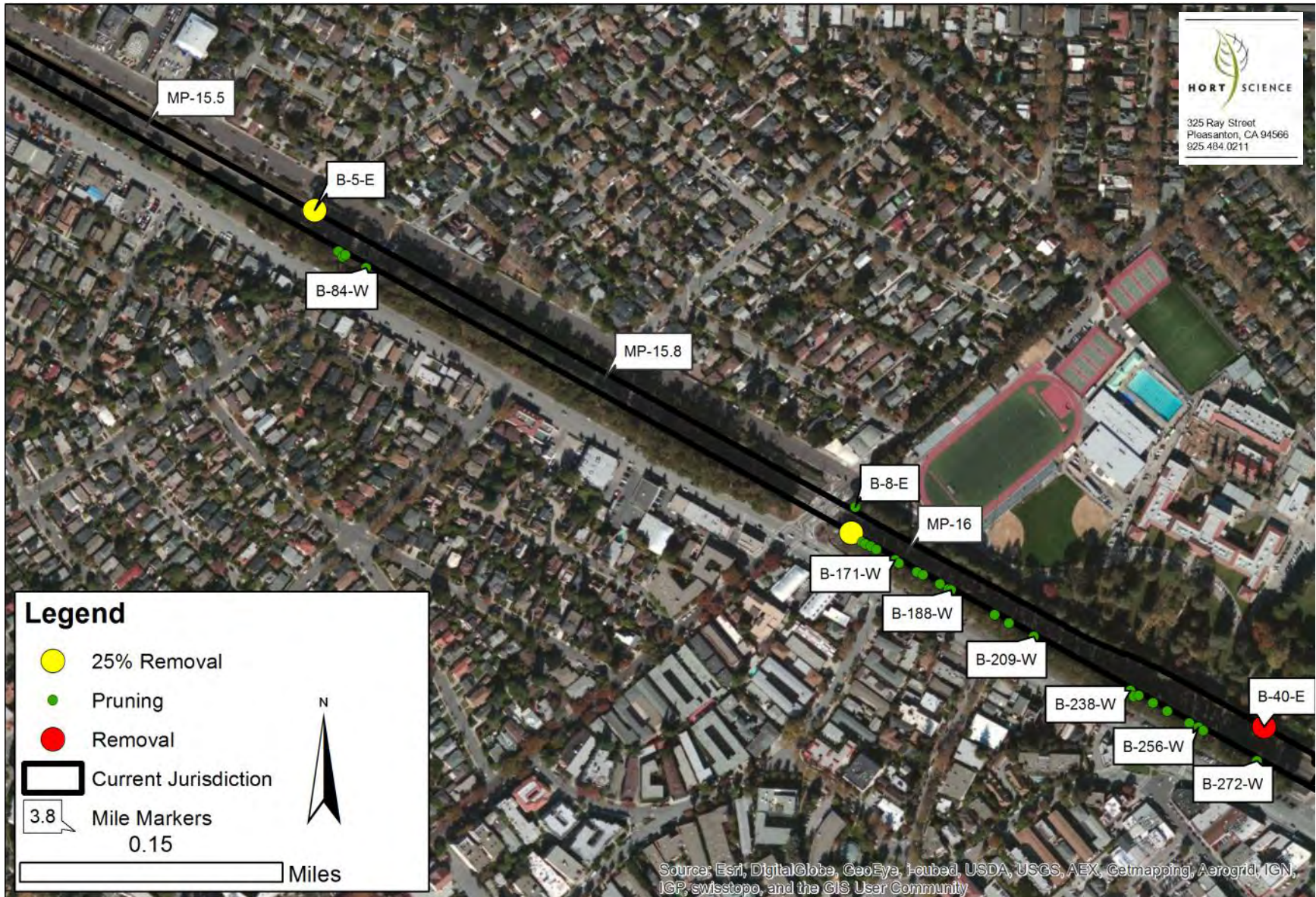
Table Bu-3: Removal or pruning required and condition of trees in Burlingame’s Tree Inventory (mile post 15.2 to 16.3).

Common Name	Scientific Name	Pruning Required			Remove			Total
		Poor	Fair/Good	Total	Poor	Fair/Good	Total	
Bailey acacia	<i>Acacia baileyana</i>	6	12	18	4	7	11	29
Blackwood acacia	<i>Acacia melanoxylon</i>	4	3	7	4	7	11	18
Blue gum	<i>Eucalyptus globulus</i>	16	14	30	1	-	1	31
Silver dollar gum	<i>Eucalyptus polyanthemos</i>	-	1	1	-	-	-	1
Juniper	<i>Juniperus sp.</i>	1	-	1	-	-	-	1
Tarata	<i>Pittosporum eugenioides</i>	-	1	1	-	-	-	1
Evergreen pear	<i>Pyrus kawakamii</i>	-	-	-	4	8	12	12
Coast live oak	<i>Quercus agrifolia</i>	1	2-	21	-	12	12	33
Coast redwood	<i>Sequoia sempervirens</i>	1	11	12	-	3	3	15
Total		29	62	91	13	37	50	141
Percentage		20.6%	44.0%	64.5%	9.2%	26.2%	35.5%	

Exhibit B-1: Map of Jurisdiction of Burlingame



Exhibit B-2: Map of Jules Francard Grove



DRAFT Tree Inventory and Canopy Assessment, PCEP
HortScience Inc. February 2014

Exhibit B-3: Detail View Mile Post 14.5



Legend

- Trees
- Mile Post
- Canopy Intrusion
- Non-Intruding Canopy
- Project Area



The northern section of track through Burlingame was lined with mature eucalyptus. The trunks were approximately 40 feet from the tracks and were outside of the Project Area. No tree removal or pruning is anticipated.

**DRAFT Tree Inventory and Canopy Assessment, PCEP
Attachment 2: San Mateo**

Summary

Our Limited Tree Assessment (LTA) model predicted 420 trees would be impacted and 141 trees would require removal (Table SM-1). Because of planned bridge construction from Bellevue Ave. to Monte Diablo Ave. many of these trees would be removed prior to the PCEP (those trees are included in our estimate of 141 trees that would be removed). The majority of trees were oaks and eucalyptus.

Table SM-1 – Summary of San Mateo Tree Estimates

	LTA (MP 16.7-21.1)
Canopy in Project Area (acres)	1.76
Estimated Number of Trees to Remove	141
Estimated Number of Trees to Prune	279
Estimated Total Trees	420

Tree Ordinance

The City of San Mateo protects any native bay, buckeye, oak or redwood 10” or greater and all other trees 16” or greater measured at 48” above grade (Municipal Code 13.52). These trees require a permit for pruning as well as removal.

Description of Trees

San Mateo’s jurisdiction is relatively dense with trees. One section was dense enough to warrant a Tree Inventory (mile post 17.1-17.5). But a planned bridge construction from Bellevue Ave. to Monte Diablo Ave. will likely remove those trees prior to starting construction on this project. Therefore we performed a Limited Tree Assessment rather than a Tree Inventory for those trees. The majority of trees along the Project Area in San Mateo were oaks; the second most common genus was eucalyptus (Table SM-2). San Mateo had a diverse urban forest with both ornamentals and California natives.

Table SM-2 – Tree Taxa Encountered in San Mateo LTA (mile post 16.7-21.1)

Common Name	Scientific Name	Estimated Percentage of Population
Acacia	<i>Acacia sp.</i>	5%
Maple	<i>Acer sp.</i>	1%
She-oak	<i>Casuarina sp.</i>	2%
Italian cypress	<i>Cupressus sempervirens</i>	2%
Dragon tree	<i>Dracaena draco</i>	1%
Eucalyptus	<i>Eucalyptus sp.</i>	11%
Ash	<i>Fraxinus sp.</i>	2%
Monterey cypress	<i>Hesperocyparis macrocarpa</i>	1%
Black walnut	<i>Juglans hindsii</i>	2%
Brisbane box	<i>Lophostemon confertus</i>	5%
Myoporum	<i>Myoporum sp.</i>	2%
Canary Island date palm	<i>Phoenix canariensis</i>	6%
Pine	<i>Pinus sp.</i>	7%
London plane	<i>Platanus x hispanica</i>	4%
Pear	<i>Pyrus sp.</i>	1%
Oak	<i>Quercus sp.</i>	40%
Locust	<i>Robinia sp.</i>	3%
Redwood	<i>Sequoia sempervirens</i>	3%
Elm	<i>Ulmus sp.</i>	1%

Tree Replacement

The City of San Mateo requires one 24” box tree to replace each protected tree. For planning applications the City of San Mateo uses a Landscape Unit (LU) value to determine replacement requirements. The PCEP will not require a planning application so only the 24” box requirement is applicable to this project.

Exhibit SM-1: Map of Jurisdiction of San Mateo

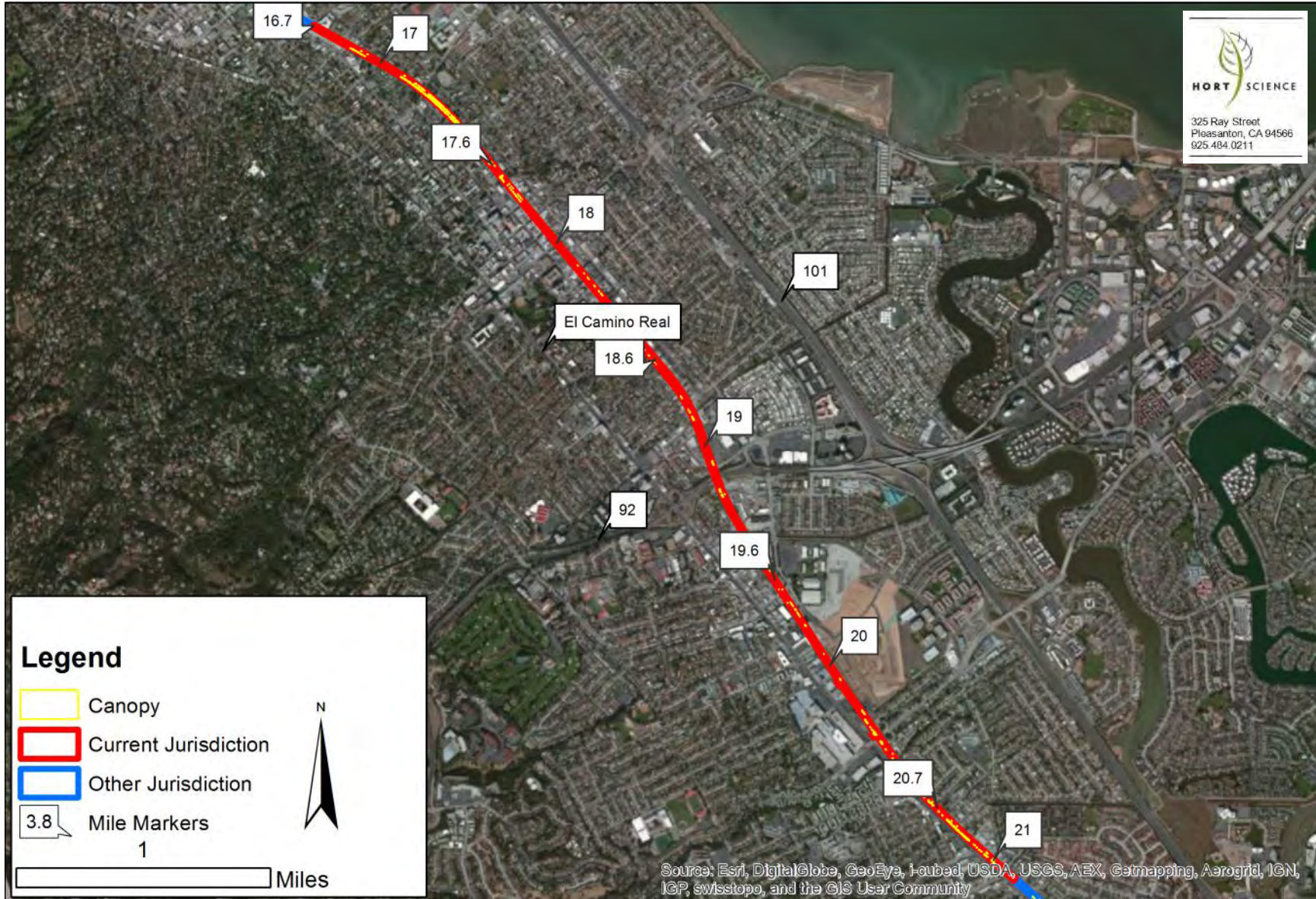
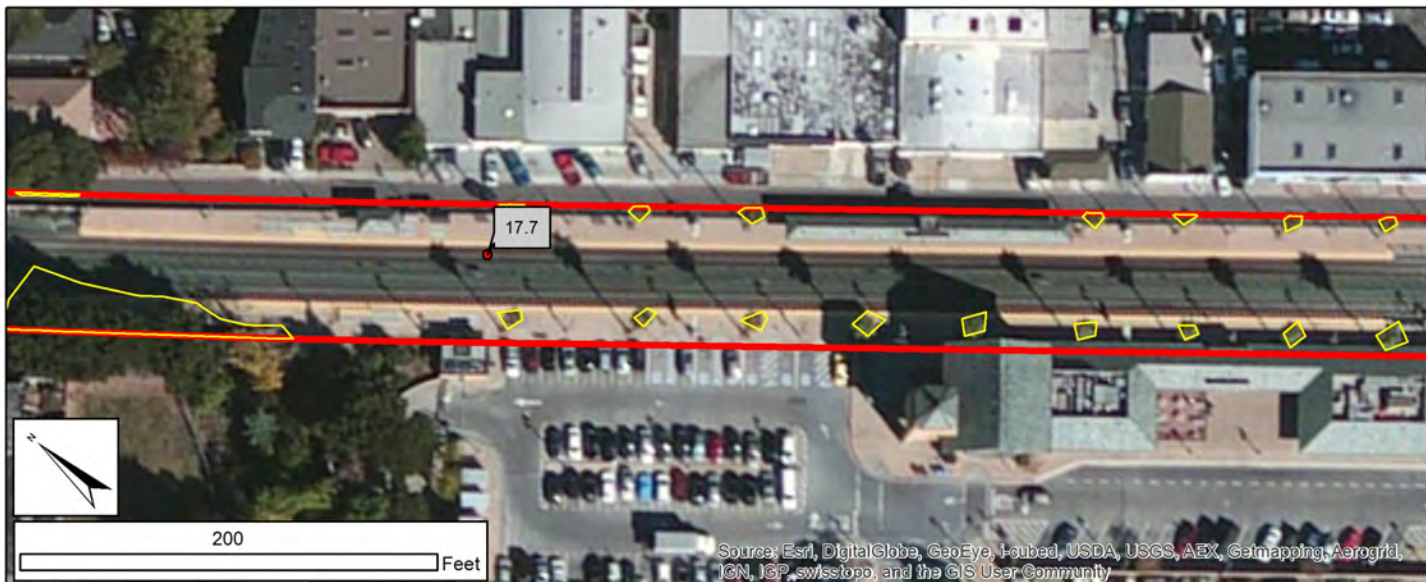


Exhibit SM-2: Detail View of San Mateo Station



Legend

- Trees
- Mile Post
- Canopy Intrusion
- Non-Intruding Canopy
- Project Area

At the San Mateo Caltrain Station two rows of palms had trunks within the Project Area and require removal (upper photo).



At the northern end of the station, two large oak trees had trunks within the Project Area and will require removal (lower photo).



DRAFT Tree Inventory and Canopy Assessment, PCEP

Attachment 2: Belmont

Summary

Our Limited Tree Assessment (LTA) and canopy model predicated 100 trees would be impacted including 34 removals in Belmont (Table Be-1). These trees were primarily young ornamentals such as pepper and poplar, but also included California native trees such as redwood and oaks.

Table Be-1 – Summary of Belmont Tree Estimates

	LTA (MP 21.1-22.6)
Canopy in Project Area (acres)	0.42
Estimated Number of Trees to Remove	34
Estimated Number of Trees to Prune	66
Estimated Total Trees	100

Tree Ordinance

The City of Belmont protects trees 10" or greater DBH (Municipal Code Chapter 25). Any protected tree requires a permit for pruning or removal.

Description of Trees

Belmont had a moderate density of trees throughout the jurisdiction. Some areas had relatively high density such as near mile posts 21.3 and 22.6. The urban forest was dominated by pepper, redwood, and oak (Table Be-2). The peppers were young, in the southern half of the jurisdiction and approximate $\frac{3}{4}$ were in poor condition.

Table Be-2 – Tree Taxa Encountered in Belmont LTA (mile post 21.1-22.6)

Common Name	Scientific Name	Estimated Percentage of Population
Acacia	<i>Acacia sp.</i>	6%
Italian cypress	<i>Cupressus sempervirens</i>	6%
Eucalyptus	<i>Eucalyptus sp.</i>	4%
Crape myrtle	<i>Lagerstroemia indica</i>	1%
Brisbane box	<i>Lophostemon confertus</i>	1%
Lombardy poplar	<i>Populus nigra 'Italica'</i>	6%
Pear	<i>Pyrus sp.</i>	2%
Oak	<i>Quercus sp.</i>	11%
Pepper	<i>Schinus sp.</i>	43%
Coast redwood	<i>Sequoia sempervirens</i>	12%
Elm	<i>Ulnus sp.</i>	1%

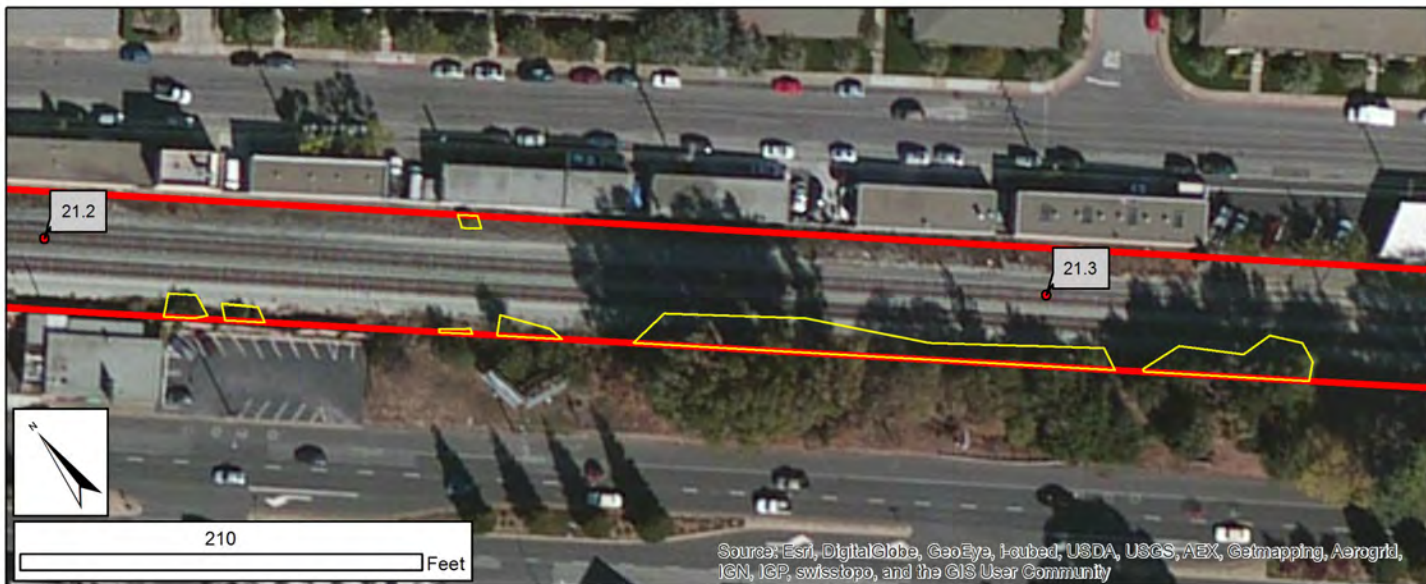
Tree Replacement

Tree replacement requirements are determined by the City of Belmont on an individual project basis. The maximum requirement is 3:1 of 15-gallon size trees or payment of an “in lieu” fee.

Exhibit Be-1: Map of Jurisdiction of Belmont



Exhibit Be-2: Detail View of Belmont



Legend

- Trees
- Mile Post
- Canopy Intrusion
- Non-Intruding Canopy
- Project Area

The trunks of these large eucalyptus in Belmont were more than 35 feet from the tracks, but the wide spreading canopies intruded into the Project Area. Pruning less than 25% of their canopy will be required to provide clearance.



Project Area

DRAFT Tree Inventory and Canopy Assessment, PCEP

Attachment 2: San Carlos

Summary

The Limited Tree Assessment (LTA) and canopy model predicted 231 trees would be impacted including 78 trees requiring removal (Table SC-1). The majority of these trees were redwood, Lombardy poplar, and camphor.

Table SC-1 – Summary of San Carlos Tree Estimates

	LTA (MP 22.6-24.5)
Canopy in Project Area (acres)	0.97
Estimated Number of Trees to Remove	78
Estimated Number of Trees to Prune	153
Estimated Total Trees	231

Tree Ordinance

The City of San Carlos protects native trees 10” or greater DBH: California buckeye, madrone, coast live oak, California bay and valley oak. Blue oak and interior live oak are protected at 8” or greater DBH. All other trees are protected when 12” or larger DBH. Species not protected are Bailey acacia, green acacia, black acacia, tree of heaven, fruit trees, Monterey pine, and blue gum eucalyptus. Pruning more than 33% of the canopy of a protected tree also requires a permit.

Description of Trees

San Carlos had both areas of no trees and areas of high tree density. Areas of high tree density included mile post 22.8 to 23.0, near mile post 23.3, and from mile post 23.7 to 24.1. Long rows of redwood, camphor and Lombardy poplar bordered the tracks making up most of these high density areas (Table SC-2). The model predicted 231 trees would be impacted including 78 trees requiring removal.

Table SC-2 – Tree Taxa Encountered in San Carlos LTA (mile post 40-8 to 45.3)

Common Name	Scientific Name	Estimated Percentage
Camphor	<i>Cinnamomum camphora</i>	17%
Italian cypress	<i>Cupressus sempervirens</i>	1%
Sweetgum	<i>Liquidambar styraciflua</i>	5%
Bottlebrush	<i>Melaleuca citrina</i>	1%
Lombardy poplar	<i>Populus nigra 'Italica'</i>	20%
Pear	<i>Pyrus sp.</i>	2%
Oak	<i>Quercus sp.</i>	4%
Locust	<i>Robinia sp.</i>	1%
Coast redwood	<i>Sequoia sempervirens</i>	48%
Palm	<i>Washingtonia sp.</i>	3%

Tree Replacement

The Municipal Code (18.18.070.C) states that “tree replacement shall be a minimum size twenty-four-inch box specimen tree of a species, size and location approved by the Community Development”.

Exhibit SC-1: Map of Jurisdiction of San Carlos



Exhibit SC-2: Detail View of San Carlos



Legend

- Trees
- Mile Post
- Canopy Intrusion
- Non-Intruding Canopy
- Project Area



A row of coast redwoods separated the west side of the tracks from the parking lot at the San Carlos Caltrain Station. These trees all had trunks in the Project Area and would require removal.

DRAFT Tree Inventory and Canopy Assessment, PCEP

Attachment 2: Redwood City

Summary

Our Limited Tree Assessment (LTA) and canopy model predicted 201 trees would be impacted including removing 67 trees in Redwood City (Table RC-1). The trees were densely planted and very diverse with only redwood (23%) making up more than 10% of the population.

Table RC-1 – Summary of Redwood City Tree Estimates

	LTA (MP 24.5-26.6)
Canopy in Project Area (acres)	0.84
Estimated Number of Trees to Remove	67
Estimated Number of Trees to Prune	134
Estimated Total Trees	201

Tree Ordinance

Redwood City protects all trees that are 12" or greater at any point between 6" and 36" from natural grade (Municipal Code Chapter 35).

Description of Trees

Redwood City's trees were denser in the northern half of the jurisdiction than the southern half. Trees were relatively evenly divided among young, semi-mature and mature. The urban forest was diverse. Coast redwood was the most common species, followed by Chinese pistache, London plane, and ash (Table RC-2).

Table RC-2 – Tree Taxa Encountered in Redwood City LTA (mile post 24.5 to 26.6)

Common Name	Scientific Name	Estimated Percentage
Maple	<i>Acer sp.</i>	5%
Tree of heaven	<i>Ailanthus altissima</i>	2%
Hackberry	<i>Celtis occidentalis</i>	2%
Hawthorn	<i>Crataegus sp.</i>	5%
Ash	<i>Fraxinus sp.</i>	8%
Black walnut	<i>Juglans hindsii</i>	4%
Crape myrtle	<i>Lagerstroemia indica</i>	5%
Sweetgum	<i>Liquidambar styraciflua</i>	5%
Southern magnolia	<i>Magnolia grandiflora</i>	5%
Pine	<i>Pinus sp.</i>	1%
Chinese pistache	<i>Pistacia chinensis</i>	7%
Pittosporum	<i>Pittosporum sp.</i>	2%
London plane	<i>Platanus x hispanica</i>	9%
Oak	<i>Quercus sp.</i>	5%
Pepper	<i>Schinus sp.</i>	1%
Coast redwood	<i>Sequoia sempervirens</i>	23%
Elm	<i>Ulmus sp.</i>	2%
Palm	<i>Washingtonia sp.</i>	3%

Tree Replacement

Redwood City's Municipal Code does not address tree replacement.

Exhibit RC-1: Map of Jurisdiction of Redwood City



Exhibit RC-2: Detail View of Redwood City



Legend

- Trees
- Mile Post
- Canopy Intrusion
- Non-Intruding Canopy
- Project Area

In the lower left photo, the fence is approximately one foot into the Project Area. Two sweetgums would require pruning and the redwoods would require removal. In the lower right photo, the fence was again one foot inside the Project Area and the entire line of crape myrtles would require pruning. Some of these trees would need to be removed where pruning removed more than half the canopy.



Project Area



Project Area

DRAFT Tree Inventory and Canopy Assessment, PCEP

Attachment 2: Atherton

Summary

Based on the Tree Inventory of the entire 0.7 miles of track in Atherton, we estimate 396 trees will be impacted within Atherton's jurisdiction (Table A-1). Of the 358 inventoried trees in Atherton, 213 required removal, 265 were on private property and 173 were protected.

Table A-1 – Summary of Atherton Tree Estimates

	Tree Inventory (MP 27.4-28.2)
Canopy in Project Area (acres)	1.35
Estimated Number of Trees to Remove	142
Estimated Number of Trees to Prune	206
Estimated Total Trees	348
Estimated Number of Protected Trees	173
Estimated Number of Trees on Private Property	265
Estimated Number of trees on Public Property	31
Estimated Number of Trees on ROW	52

Tree Ordinance

The City of Atherton protects all valley, blue, and coast live oaks that are 15.3 inches in diameter at 48 inches above average grade anywhere on the site and all trees 15.3" and greater outside of the building area (Municipal Code Chapter 8.10). For the purposes of this assessment, we considered all trees 15.3" and greater to be protected.

Description of Trees

Three hundred and fifty-eight (358) trees had canopy within the Project Area. Inventory data for each tree are provided in Attachment 3. The vegetation along the section of track through Atherton was dominated by semi-mature coast redwood, coast live oak, and Monterey pine. Despite having only .7 miles of track, Atherton had 25 species of trees and was uniquely dominated by native California species.

Private property was close to the track (10-15 feet), especially along the eastern side of the tracks. The majority of the trees assessed were in backyards, schools, and neighborhood parks: 265 trees were on private property, 31 on public land, and 52 within the ROW.

Two-hundred and fifty-two (252, 70 % of the population) of the inventoried trees in Atherton were in fair or good condition.

Tree Replacement

The Town of Atherton's Municipal Code states that the Arborist determines tree replacement on a project basis. However, the Town's Tree Removal Procedures specify that, at the discretion of

the Planning Commission, removed heritage trees may be required to be replaced with three 15-gal. trees, two 24"-box trees, or one 15-gal tree and one 36"-box tree.

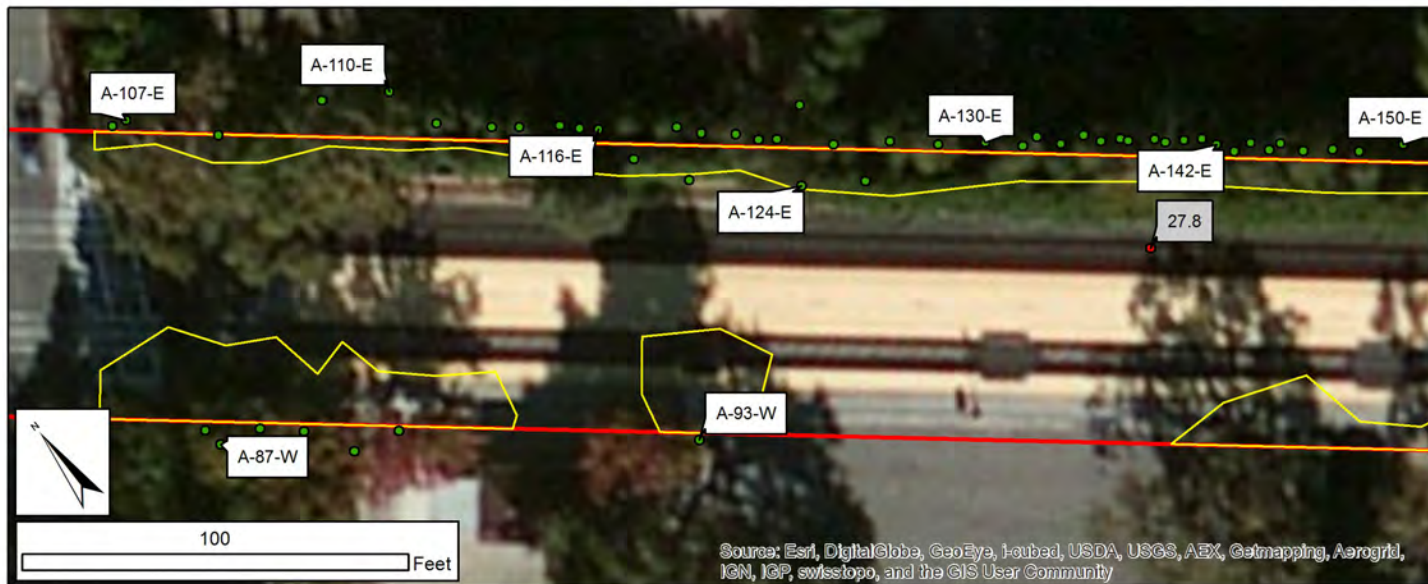
Table A-2: Removal or pruning required and condition of trees in Atherton (mile post 27.4 to 28.2).

Common Name	Scientific Name	Pruning Required			Remove			Total
		Poor	Fair/Good	Total	Poor	Fair/Good	Total	
American elm	<i>Ulmus americana</i>	-	1	1	-	2	2	3
Bailey acacia	<i>Acacia baileyana</i>	-	4	4	2	1	3	7
Blackwood acacia	<i>Acacia melanoxylon</i>	-	-	-	-	1	1	1
Blue gum	<i>Eucalyptus globulus</i>	-	5	5	-	3	3	8
California black walnut	<i>Juglans hindsii</i>	1	2	3	-	1	1	4
Callery pear	<i>Pyrus calleryana</i>	1	2	3	-	1	1	4
Canary Island palm	<i>Phoenix canariensis</i>	-	1	1	-	-	-	1
Coast live oak	<i>Quercus agrifolia</i>	3	26	29	7	32	39	68
Coast redwood	<i>Sequoia sempervirens</i>	3	56	59	-	35	35	94
Compact blue gum	<i>Eucalyptus globulus</i> 'Compacta'	13	8	21	4	2	6	27
Glossy privet	<i>Ligustrum lucidum</i>	6	5	11	1	3	4	15
Italian buckthorn	<i>Rhamnus alaternus</i>	-	-	-	-	2	2	2
Italian stone pine	<i>Pinus pinea</i>	-	1	1	-	-	-	1
Monterey pine	<i>Pinus radiata</i>	14	19	33	4	4	8	41
Monterey cypress	<i>Hesperocyparis</i> <i>macrocarpa</i>	-	3	3	-	-	-	3
Olive	<i>Olea europea</i>	1	-	1	-	-	-	1
Pittosporum sp.	<i>Pittosporum sp.</i>	-	-	-	-	9	9	9
Plum	<i>Prunus domestica</i>	1	1	2	1	-	1	3
Podocarpus	<i>Podocarpus sp.</i>	-	-	-	-	1	1	1
River red gum	<i>Eucalyptus camaldulensis</i>	-	1	1	-	-	-	1
Silver dollar gum	<i>Eucalyptus polyanthemos</i>	-	2	2	-	-	-	2
Swamp mahogany	<i>Eucalyptus robusta</i>	2	-	2	-	-	-	2
Sweetgum	<i>Liquidambar stryaciflua</i>	-	1	1	-	1	1	2
Tree of Heaven	<i>Ailanthus altissima</i>	11	-	11	18	-	18	29
Valley oak	<i>Quercus lobata</i>	1	11	12	1	6	7	19
Total		57	149	206	38	104	142	348
Percentage		16.3%	42.8%	59.1%	10.9%	29.9 %	40.8%	100.0%

Exhibit A-1: Map of Jurisdiction of Atherton



Exhibit A-2: Detail View of A-124-E



Legend

- Trees
- Mile Post
- Canopy Intrusion
- Non-Intruding Canopy
- Project Area

Tree ID Number	A-124-E
Trunk Diameter	06-11"
Multi-Stem?	No
Species	Coast Live Oak
Protected by Jurisdiction?	No
Trunk in Project Area?	Yes
Trunk distance to track	11-15'
Distance of canopy to track	N/A
Remove tree?	Yes
Location	ROW



Project Area

In Atherton's jurisdiction, the right-of-way is narrow (as in this photo). The limit of the Project Area in this photo is between the wooden fence and the trees behind the fence that are on private property.

Tree A-124-E was a small coast live oak behind the telephone pole on the right. This tree as well all others left of the fence would be removed. Most of the redwoods pictured to the right of the fence were 6-11" diameter. We estimated that 25% of these trees would be removed; all others would be pruned to provide clearance.

DRAFT Tree Inventory and Canopy Assessment, PCEP

Attachment 2: Menlo Park

Summary

Based on the Tree Inventory (TI) of the entire 1.6 miles of track in Menlo Park, we estimated 629 trees will be impacted within Menlo Park's jurisdiction (Table MP-1). Of the trees inventoried in Menlo Park, 183 would be removed, 534 were in fair/good condition, and 390 were protected.

Table MP-1 – Summary of Menlo Park Tree Estimates

	Tree Inventory (MP 28.1-29.7)
Canopy in Project Area (acres)	2.33
Estimated Number of Trees to Remove	188
Estimated Number of Trees to Prune	441
Estimated Total Trees	629
Estimated Number of Protected Trees	390
Estimated Number of Trees on Private Property	186
Estimated Number of trees on Public Property	58
Estimated Number of Trees on ROW	385

Tree Ordinance

The City of Menlo Park protects all oaks greater than 10 inches DBH and all other trees greater than 15 inches DBH (Municipal Code Chapter 13.24). Trees shorter than 12 feet tall are excluded. Pruning more than 25% of the canopy for a protected tree requires a permit.

Description of Trees/Tree Inventory

Six hundred and twenty-nine (629) trees had canopy within the Project Area in Menlo Park (Table A-2). Inventory data for each tree are provided in Attachment 3. Over half of the trees were coast live oaks (331 trees), with 65 coast redwoods and 36 London planes. One hundred fifteen (115) of the coast live oaks would be removed. Thirty-nine (39) species were present within the Project Area. The majority of the trees surveyed were located within the Caltrain ROW (385 trees); 186 trees were on private property; 58 on public property.

Tree Replacement

Menlo Park generally requires a 2:1 replacement of protected trees that are removed.

Table MP-2: Removal or pruning required and condition of trees in Menlo Park (mile post 28.1 to 29.7).

Common Name	Scientific Name	Pruning Required			Remove			Total
		Poor	Fair/Good	Total	Poor	Fair/Good	Total	
Blackwood acacia	<i>Acacia melanoxylon</i>	1	6	7	-	1	1	8
Japanese maple	<i>Acer palmatum</i>	-	1	1	-	-	-	1
Tree of Heaven	<i>Ailanthus altissima</i>	-	25	25	-	13	13	38
Chestnut	<i>Castanea dentata</i>	-	1	1	-	-	-	1
Camphor	<i>Cinnamomum camphora</i>	-	1	1	-	-	-	1
Arizona cypress	<i>Cupressus arizonica</i>	3	-	3	1	-	1	4
Persimmon	<i>Diospyros kaki</i>	-	1	1	-	-	-	1
Blue gum	<i>Eucalyptus globulus</i>	-	1	1	-	2	2	3
Silver dollar gum	<i>Eucalyptus polyanthemus</i>	16	7	23	-	-	-	23
Red iron bark	<i>Eucalyptus sideroxylon</i>	-	1	1	-	-	-	1
Evergreen ash	<i>Fraxinus uhdei</i>	-	2	2	-	-	-	2
California black walnut	<i>Juglans hindsii</i>	-	2	2	-	-	-	2
English walnut	<i>Juglans regia</i>	1	1	2	-	1	1	3
Hollywood juniper	<i>Juniperus chinensis</i>	-	1	1	-	-	-	1
Myoporum	<i>Myoporum sp.</i>	2	-	2	-	-	-	2
Avocado	<i>Persea americana</i>	1	-	1	-	-	-	1
Canary Island palm	<i>Phoenix canariensis</i>	-	5	5	-	3	3	8
Aleppo pine	<i>Pinus halepensis</i>	-	1	1	-	-	-	1
Italian stone pine	<i>Pinus pinea</i>	2	5	7	-	1	1	8
Monterey pine	<i>Pinus radiata</i>	12	10	22	1	-	1	23
Chinese pistache	<i>Pistacia chinensis</i>	1	13	14	-	2	2	16
Pittosporum	<i>Pittosporum sp.</i>	-	4	4	-	-	-	4
London plane	<i>Platanus x hispanica</i>	3	16	19	-	17	17	36
Fremont cottonwood	<i>Populus fremontii</i>	-	-	-	-	1	1	1
Almond	<i>Prunus amygdalus</i>	1	-	1	-	-	-	1
Plum	<i>Prunus domestica</i>	1	-	1	-	-	-	1
Portuguese laurel	<i>Prunus lusitanica</i>	-	-	-	1	1	2	2

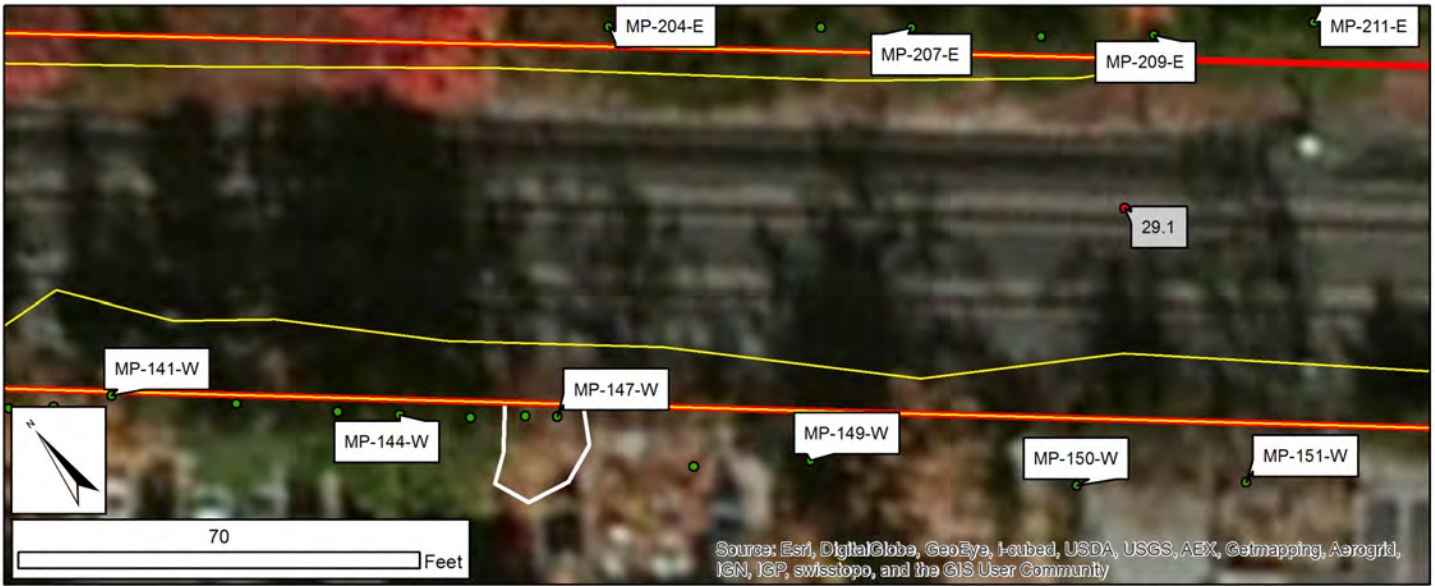
Common Name	Scientific Name	Pruning Required			Remove			Total
		Poor	Fair/Good	Total	Poor	Fair/Good	Total	
Callery pear	<i>Pyrus calleryana</i>	-	1	1	-	-	-	1
Coast Live Oak	<i>Quercus agrifolia</i>	23	193	216	15	100	115	331
Holly Oak	<i>Quercus ilex</i>	3	3	6	1	-	1	7
Valley oak	<i>Quercus lobata</i>	-	5	5	-	1	1	6
	<i>Robinia x ambigua</i>							
Idaho locust	'Idahoensis'	1	-	1	-	-	-	1
Cork screw willow	<i>Salix matsudana</i>	1	-	1	-	-	-	1
Willow	<i>Salix sp.</i>	1	1	2	-	-	-	2
Coast Redwood	<i>Sequoia sempervirens</i>	-	49	49	-	16	16	65
Windmill palm	<i>Trachycarpus fortunei</i>	-	3	3	-	1	1	4
American elm	<i>Ulmus americana</i>	1	6	7	-	1	1	8
Chinese elm	<i>Ulmus parvifolia</i>	-	2	2	-	-	-	2
California bay	<i>Umbellularia californica</i>	1	4	5	1	2	3	8
Grand Total		75	371	446	20	163	183	629
		11.9%	59.0%	70.9%	3.2%	25.9%	29.1%	

Exhibit MP-1: Map of Jurisdiction of Menlo Park



DRAFT Tree Inventory and Canopy Assessment, PCEP
HortScience Inc. February 2014

Exhibit MP-2: Detail View of MP-147-W



Legend

- Trees
- Mile Post
- Canopy Intrusion
- Non-Intruding Canopy
- Project Area

Tree ID Number	MP-147-W
Trunk Diameter	06-11"
Multi-Stem?	No
Species	London plane
Protected by Jurisdiction?	No
Trunk in Project Area?	No
Trunk distance to track	24-29'
Distance of canopy to track	N/A
Remove tree?	25%
Location	Private



Project Area

Tree MP-147-W was a small London plane growing in a parking lot south of the Menlo Park Caltrain station. The canopy extended into the Project Area and would require pruning for clearance. Several redwoods behind the London plane would require similar pruning. We estimated that 25% of the trees in this section would be removed because of severe pruning needed to provide clearance.

DRAFT Tree Inventory and Canopy Assessment, PCEP

Attachment 2: Palo Alto

Summary

Based on a Limited Tree Assessment (LTA) of the entire 3.8 miles of track in Palo Alto and a Tree Inventory (TI) of 464 trees covering 2.1 miles of track, we estimated 658 trees will be impacted within Palo Alto's jurisdiction (Table PA-1). Within the Tree Inventory 112 trees would be removed, 42 of which were protected by ordinance.

Table PA-1 – Summary of Palo Alto Tree Estimates

	TI (MP 29.7-31.8)	LTA (MP 31.8-33.6)	Total
Canopy in Project Area (acres)	2.46	0.81	3.27
Estimated Number of Trees to Remove	112	65	177
Estimated Number of Trees to Prune	352	129	481
Estimated Total Trees	464	194	658
Estimated Number of Protected Trees	162	N/A	N/A
Estimated Number of Trees on Private Property	23	N/A	N/A
Estimated Number of trees on Public Property	212	N/A	N/A
Estimated Number of Trees on ROW	229	N/A	N/A

Tree Ordinance

The City of Palo Alto protects valley and coast live oaks 11.5 inches or greater in DBH and coast redwoods 18 inches or greater in DBH (Municipal Code Chapter 8.10). Pruning more than 25% of a protected tree's canopy or unbalancing a tree is considered equivalent to removing a tree. Palo Alto defines a tree as any woody plant with a trunk of 4 inches or greater in diameter at 54 inches above grade.

Description of Trees

Palo Alto's section of track was densely populated with large trees, particularly redwoods (e.g. El Palo Alto, a 98 inch diameter redwood that the city is named after) and blue gums near San Francisquito Creek to the North. Moving south, the canopy intruding into the Project Area was progressively less dense. The Tree Inventory was aligned with the northern half of the jurisdiction to capture the densest areas of canopy intrusion.

The jurisdictional boundary between Palo Alto and Mountain View is complicated for the purpose of this survey. The jurisdictional boundary (according to USGS GIS data) runs along the Project Area boundary from mile post 33.5 to 33.8 before gradually sloping away from the

Project Area by mile post 34.0. We have classified all trees south of mile post 33.6 as Mountain View, but there is some chance that many of these trees along the east side of the tracks should in fact be part of Palo Alto.

Table PA-2 - Palo Alto LTA (mile post 31.8 to 33.6)

Common Name	Scientific Name	Estimated Percentage
Acacia	<i>Acacia sp.</i>	30%
Tree of heaven	<i>Ailanthus altissima</i>	4%
Casuarina	<i>Casuarina sp.</i>	1%
Italian cypress	<i>Cupressus sempervirens</i>	1%
Eucalyptus	<i>Eucalyptus sp.</i>	15%
Ash	<i>Fraxinus sp.</i>	2%
Walnut	<i>Juglans sp.</i>	8%
Glossy privet	<i>Ligustrum lucidum</i>	2%
Pine	<i>Pinus sp.</i>	4%
Fremont cottonwood	<i>Populus fremontii</i>	1%
Oak	<i>Quercus sp.</i>	25%
Pepper	<i>Schinus sp.</i>	2%
Coast redwood	<i>Sequoia sempervirens</i>	1%
Chinese elm	<i>Ulmus parvifolia</i>	5%

Tree Inventory

Four hundred and sixty-four trees had canopy within the Project Area from San Francisquito Creek to Oregon Expressway. Inventory data for each tree is provided in Attachment 3. The most common trees were coast live oak (186), blackwood acacia (61) and tree of heaven (54). One hundred thirty-nine (139) of the coast live oaks were protected and 38 of those protected oaks needed to be removed. Thirty-one (31) species were present at the time of the survey.

El Palo Alto, the tree for which Palo Alto is named, is a coast redwood growing along San Francisquito Creek that is approximately 1100 years old. The trunk was approximately 25 feet from the tracks, putting it just outside of the Project Area (Exhibit PA-3). The canopy extended to within 12 feet of the tracks (12 feet into the Project Area with the worst-case OCS side pole assumption). Given the landmark status of this tree, Caltrain modified the design to place the OCS within the San Francisquito bridge superstructure and avoid the need for pruning outside the superstructure. Pruning of western tree limbs that encroach on the bridge superstructure will continue for safety purposes consistent with existing maintenance practices.

Table PA-1: Removal or pruning required and condition of trees in Palo Alto.

Common Name	Scientific Name	Pruning Required			Remove			Total
		Poor	Fair/Good	Total	Poor	Fair/Good	Total	
Bailey acacia	<i>Acacia baileyana</i>	7	0	7	1	0	1	8
Blackwood acacia	<i>Acacia melanoxylon</i>	33	22	55	2	4	6	61
Tree of Heaven	<i>Ailanthus altissima</i>	9	36	45	1	8	9	54
Deodar cedar	<i>Cedrus deodara</i>	2	15	17	0	2	2	19
Cedar of Lebanon	<i>Cedrus libani</i>	0	2	2	0	0	0	2
Carob	<i>Ceratonia siliqua</i>	0	0	0	3	3	6	6
Carrot wood	<i>Cupaniopsis anacardioides</i>	0	1	1	0	0	0	1
River red gum	<i>Eucalyptus camaldulensis</i>	0	2	2	0	0	0	2
Blue gum	<i>Eucalyptus globulus</i>	2	5	7	0	5	5	12
Compact blue gum	<i>Eucalyptus globulus</i> 'Compacta'	0	0	0	0	2	2	2
Manna gum	<i>Eucalyptus viminalis</i>	0	0	0	0	2	2	2
California black walnut	<i>Juglans hindsii</i>	2	3	5	0	0	0	5
English walnut	<i>Juglans regia</i>	0	0	0	0	1	1	1
Juniper	<i>Juniperus sp.</i>	1	0	1	1	0	1	2
Glossy privet	<i>Ligustrum lucidum</i>	3	1	4	1	1	2	6
Aleppo pine	<i>Pinus halepensis</i>	2	8	10	0	0	0	10
Austrian pine	<i>Pinus nigra</i>	3	0	3	5	1	6	9
Monterey pine	<i>Pinus radiata</i>	2	0	2	1	1	2	4
Chinese pistache	<i>Pistacia chinensis</i>	0	2	2	0	0	0	2
Victorian box	<i>Pittosporum undulatum</i>	0	0	0	2	0	2	2
Almond	<i>Prunus amygdalus</i>	0	2	2	1	0	1	3
Holly leaf cherry	<i>Prunus ilicifolia</i>	4	5	9	0	0	0	9
Portuguese laurel	<i>Prunus lusitanica</i>	0	2	2	0	0	0	2
Douglas fir	<i>Pseudotsuga menziesii</i>	0	1	1	0	0	0	1
Coast Live Oak	<i>Quercus agrifolia</i>	12	122	134	4	48	52	186
Holly Oak	<i>Quercus ilex</i>	0	5	5	0	4	4	9
Valley oak	<i>Quercus lobata</i>	2	4	6	0	0	0	6

Common Name	Scientific Name	Pruning Required			Remove			Total
		Poor	Fair/Good	Total	Poor	Fair/Good	Total	
California pepper	<i>Schinus molle</i>	3	5	8	0	2	2	10
Coast Redwood	<i>Sequoia sempervirens</i>	0	13	13	0	1	1	14
Evergreen elm	<i>Ulmus parvifolia</i>	0	13	13	0	0	0	13
California bay	<i>Umbellularia californica</i>	0	1	1	0	0	0	1
Grand Total		87	270	357	22	85	107	464
		14.9%	46.2%	61.0%	3.8%	14.5%	18.3%	

Tree Replacement

The City of Palo Alto requires replacement of protected trees unless the tree is dead, dangerous, or a nuisance. The replacement tree is to be of the same species unless it is inappropriate for the site, and of equal value.

The Palo Alto Tree Technical Manual specifies different procedures when trees can be replaced onsite or when they cannot be replaced onsite. For the replacement of protected or designated trees on-site, a tree canopy replacement ratio is used to determine the number of trees to be planted (Tree Technical Manual, Table 3-1). Tree canopy to be replaced is determined by measuring the distance across the canopy at the widest point and narrowest point. Then, add half of the difference between the two to the narrowest measurement for the average canopy; the sum is the Canopy of the Tree Removed, and is the amount that must be replaced. One 24"-box tree replaces 9 feet of canopy. The minimum replacement per tree is two 24" boxes.

For on-site tree replacement, the Tree Technical Manual, standards includes the following size and number specifications based on the canopy size:

- 4'-9': Two 24" box (or one 36" box);
- 10'-27': Three 24" box (or two 36" box);
- 28'-40': Four 24" box (or two 48" box);
- 40'-56': Six 24" box (or two 48" box and two 36" box); and
- 56' – 60': Two 24" box, two 36" box, and two 48" box; and
- > 60': Replace with a combination of the tree canopy and the tree value standards

For trees that cannot be replaced on-site, the Tree Technical Manual specifies a tree value replacement standard. Value is determined using the methods in the most recent edition of the *Guide for Plant Appraisal*, 9th edition (International Society of Arboriculture, Champaign IL, 2000). There are different methodologies to appraise values of trees, but the mostly commonly employed uses the trunk formula below:

$$\text{Value} = ((TA - TAR) \times \text{Unit Tree Cost} + \text{Installed Tree Cost}) \times \text{Species} \times \text{Condition} \times \text{Location}$$

The value of an individual tree values with size, species, condition and location. For instance, a small ornamental pear in average condition located along a road may only be worth only a few hundred dollars, but a nearby mature coast live oak in good condition may be worth several thousand dollars. Even though these trees have the same location value, the oak is larger and in better condition so it is worth more. Because of the specificity required in determining tree value, we cannot appraise the value of protected trees outside the Caltrain ROW that cannot be replaced on-site at this time.

Instead of planting replacement trees the value of the tree can be paid instead.

Exhibit PA-1: Map of Jurisdiction of Palo Alto

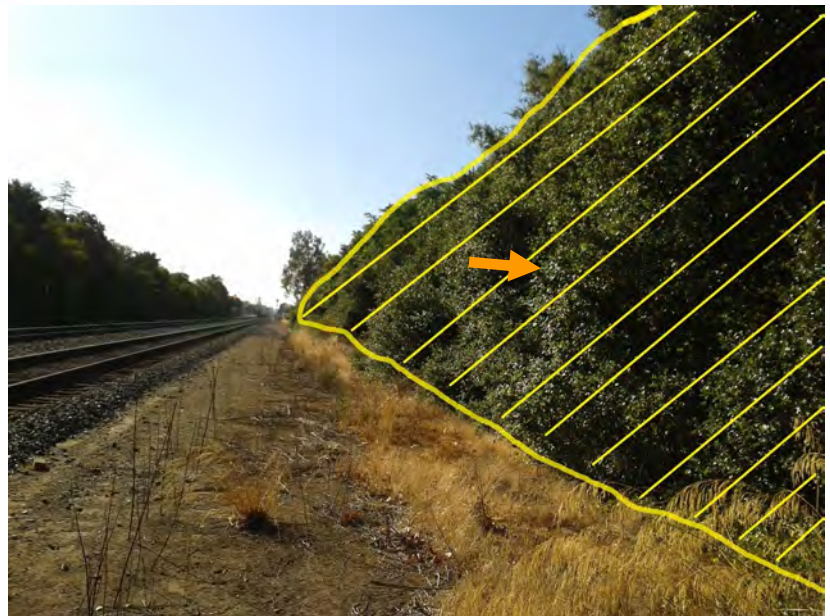


DRAFT Tree Inventory and Canopy Assessment, PCEP
HortScience Inc. February 2014

Exhibit PA-2: Detail View of PA-216-W



Legend	
•	Trees
•	Mile Post
	Canopy Intrusion
	Non-Intruding Canopy
	Project Area

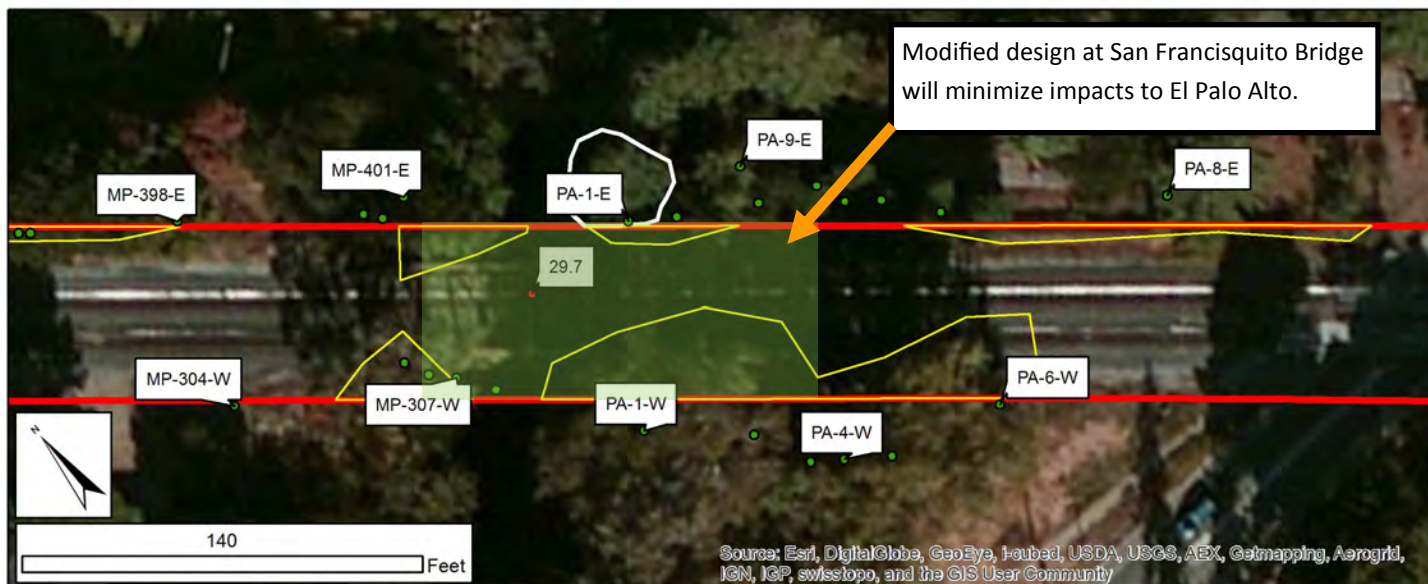


Tree ID Number	PA-216-W
Trunk Diameter	30-35"
Multi-Stem?	Yes
Species	Coast Live Oak
Protected by Jurisdiction?	Yes
Trunk in Project Area?	Yes
Trunk distance to track	19-24'
Distance of canopy to track	N/A
Remove tree?	Yes
Location	Private

Trees were close to the tracks and created a nearly continuous canopy in this section of Palo Alto. Tree PA-216-W (orange arrow) was a large multi-stemmed coast live oak growing on private property with its trunk within the Project Area. Trees with trunks in the Project Area would be removed.

The east side of the tracks similarly had continuous canopy, but trees were farther away and outside the Project Area. Trees on the east side in this section would be retained and possibly pruned.

Exhibit PA-3: Detail View of El Palo Alto



Legend

- Trees
- Mile Post
- Canopy Intrusion
- Non-Intruding Canopy
- Project Area

Tree ID Number	PA-1E
Trunk Diameter	42+
Multi-Stem?	No
Species	Coast Redwood
Protected by Jurisdiction?	Yes
Trunk in Project Area?	No
Trunk distance to track	N/A
Distance of canopy to track	12-17'
Remove tree?	No
Location	Public



El Palo Alto (PA-1-E) is a coast redwood that is approximately 1100 years old. The city of Palo Alto was named after this tree.

The trunk was approximately 25 feet from the tracks putting it just outside of the Project Area. The canopy extended to within 12 feet of the tracks (12 feet into the Project Area with the worst-case OCS side pole assumption). Given the landmark status of this tree, the JPB modified the design to place the OCS within the San Francisquito bridge superstructure and avoid the need for pruning outside the superstructure.

DRAFT Tree Inventory and Canopy Assessment, PCEP

Attachment 2: Mountain View

Summary

Based on the Limited Tree Assessment (LTA) of the entire jurisdiction and a Tree Assessment (TA) of 202 trees, we estimated five hundred and seventy-five (575) trees in Mountain View had canopy intruding into the Project Area (Table MV-1). This included 284 trees that would be removed. The most common trees in Mountain View were acacia, eucalyptus, oak and coast redwood.

Table MV-1 – Summary of Mountain View Tree Estimates

	LTA (MP 33.5-36.6)	TA (MP 35.7-37.5)	LTA (MP 36.7-37.5)	Total
Canopy in Project Area (acres)	1.46	0.47	0.1	2.03
Estimated Number of Trees to Remove	117	159	8	284
Estimated Number of Trees to Prune	232	43	17	292
Estimated Total Trees	349	202	25	576

Tree Ordinance

The City of Mountain View protects oaks, redwoods, and cedars greater than 4" DBH and all trees greater than 15" (Municipal Code Chapter 32.25). Excessive pruning that is detrimental to the health of the tree is considered equivalent to removal.

Description of trees

The jurisdictional boundary between Palo Alto and Mountain View is complicated for the purpose of this survey. The jurisdictional boundary (according to USGS GIS data) runs along the Project Area boundary from mile post 33.5 to 33.8 before gradually sloping away from the Project Area by mile post 34.0. We have classified all trees south of mile post 33.6 as Mountain View, but there is some chance that many of the trees east side of the tracks should in fact be part of Palo Alto along the.

The most commonly encountered trees were acacia, eucalyptus, and oaks (Tale MV-2).

Table MV-2 – Tree Taxa Encountered in Mountain View LTA and TA

Common Name	Scientific Name	Estimated Percentage
Acacia	<i>Acacia sp.</i>	16%
Tree of heaven	<i>Ailanthus altissima</i>	2%
Eucalyptus	<i>Eucalyptus sp.</i>	15%
Ash	<i>Fraxinus sp.</i>	3%
Jacaranda	<i>Jacaranda mimosifolia</i>	1%
Brisbane box	<i>Lophostemon confertus</i>	4%
Olive	<i>Olea europaea</i>	1%
Pine	<i>Pinus sp.</i>	8%
Podocarpus	<i>Podocarpus sp.</i>	3%
Fremont cottonwood	<i>Populus fremontii</i>	1%
Oak	<i>Quercus sp.</i>	14%
Pepper	<i>Schinus sp.</i>	9%
Coast redwood	<i>Sequoia sempervirens</i>	10%
Chinese elm	<i>Ulmus parvifolia</i>	4%

Tree Assessment (TA)

We assessed trees in Mountain View from South Shoreline Blvd. to the boundary with Sunnyvale primarily on the west side of the tracks. Trees in our field assessment area were landscaped city trees growing between the tracks and parking lots or Evelyn Ave. The major species present were London planes, crape myrtles, purple leaf plums, and coast redwood. Two hundred and two (202) trees had canopy intruding into the Project Area and 159 trees would be removed.

Replacement

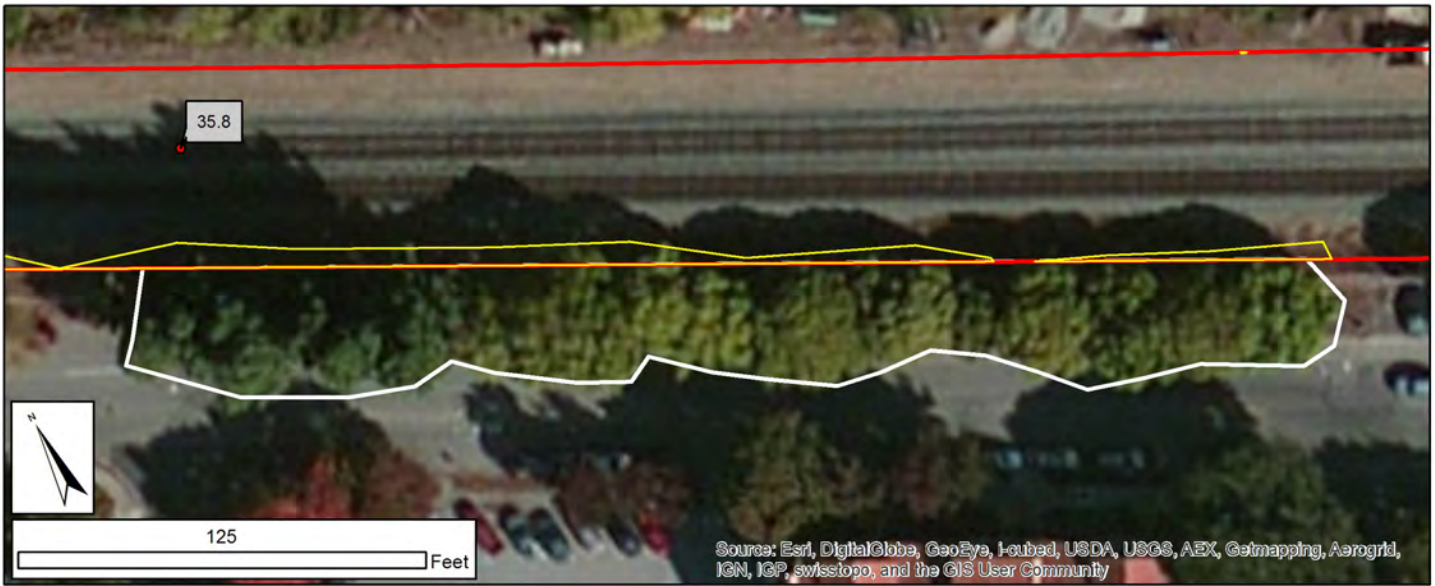
The Mountain View Municipal Code Section 32.35 describes that conditions of approval for tree removal include requiring the replacement or placement of an additional tree or trees on the subject property or off-site to offset the loss of a tree, limbs, or encroachment into the drip line. The number, species, size and location of said replacement tree(s) is described as being determined by the Director upon recommendation of the City Arborist.

The Mountain View Municipal Code Section 32.39 also describes that for the purposes of replacement for trees removed, the method of valuation shall be the “Standards for Valuation of Amenity Trees” of the International Society of Arboriculture”. The current edition of that document is *Guide for Plant Appraisal*, 9th edition (International Society of Arboriculture, Champaign IL, 2000). This standard applies to trees removed with a permit which requires on-site or off-site replacement of similar value to the trees removed. As noted above, trees can have substantially different values because of their differences in size, species, and condition.

Exhibit MV-1: Map of Jurisdiction of Mountain View



Exhibit MV-2: Detail View of Mountain View



Legend

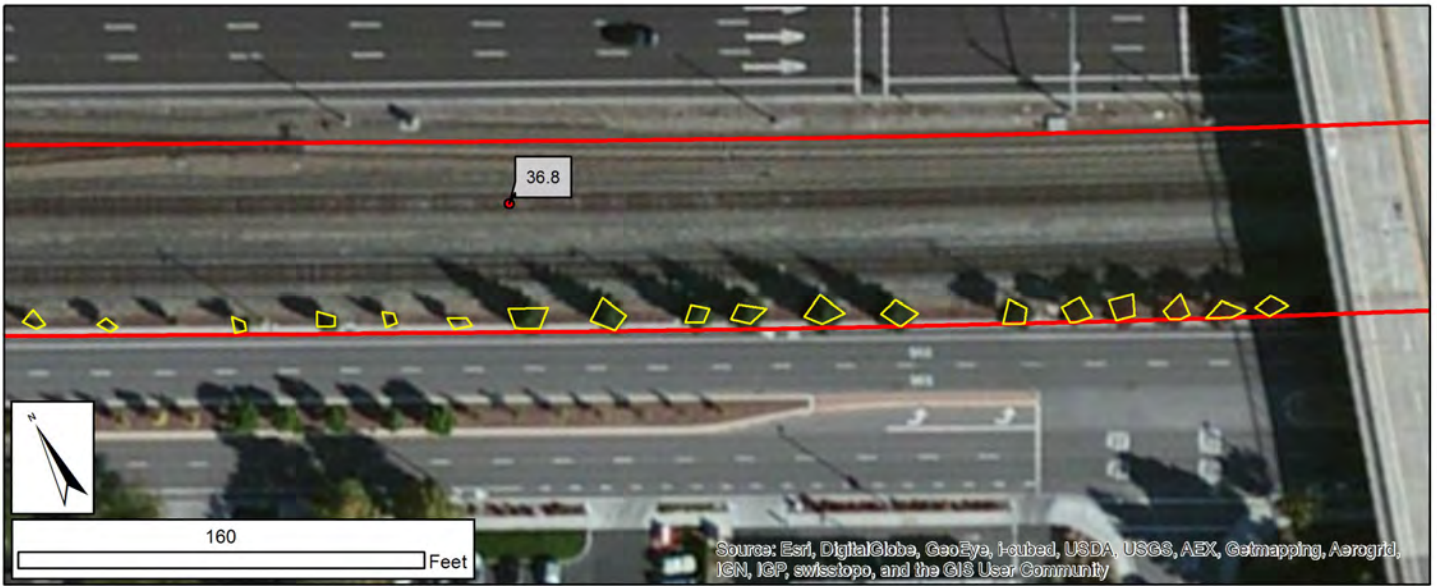
- Trees
- Mile Post
- Canopy Intrusion
- Non-Intruding Canopy
- Project Area



Project Area

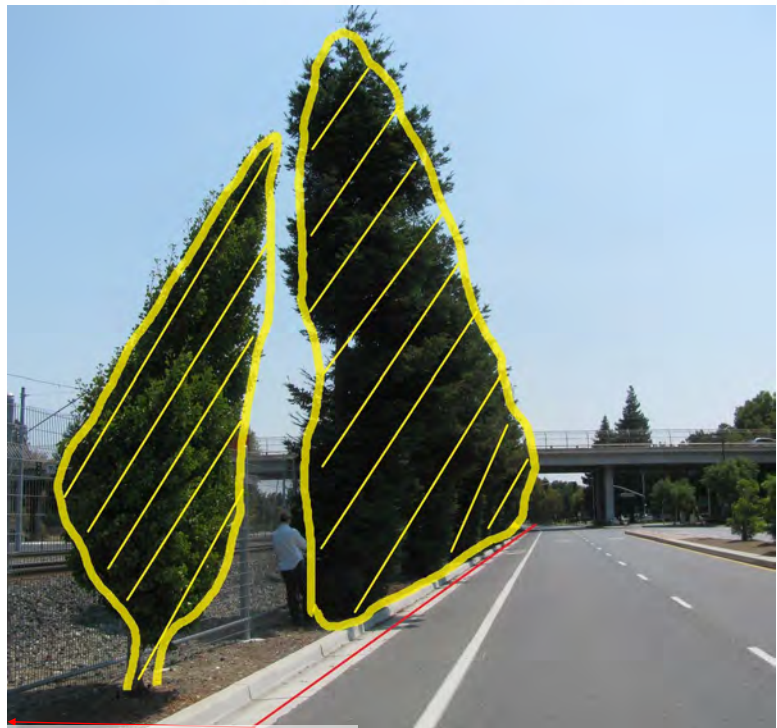
A row of camphor trees along the fence separating a parking area and the railroad tracks to the north had canopy intruded into the Project Area. All of these trees would require pruning to remove 5-25% of the canopy. In this photo the fence was five feet outside of the Project Area.

Exhibit MV-3: Detail View of Mountain View



Legend

- Trees
- Mile Post
- Canopy Intrusion
- Non-Intruding Canopy
- Project Area



Project Area

A ginkgo on the left and redwoods on the right had trunks within the Project Area and would require removal. Redwoods larger than 4" in diameter are protected in Mountain View.

DRAFT Tree Inventory and Canopy Assessment, PCEP

Attachment 2: Sunnyvale

Summary

Based on a Limited Tree Assessment (LTA) and canopy analysis of the entire 3.7 miles of track in Sunnyvale and Tree Inventory (TI) of 489 trees, we estimated 915 trees would be impacted within Sunnyvale’s jurisdiction (Table S-1). Within the tree inventory, 349 trees would be removed. One hundred six (106) trees were protected by the city Sunnyvale.

Table S-1 – Summary of Sunnyvale Tree Estimates

	LTA (MP 37.5-38.0)	TI (MP 38.0-38.9)	LTA (MP 38.6-41.5)	TI (MP 39.7-40.6)	Total
Canopy in Project Area (acres)	0.44	0.95	1.34	0.73	3.46
Estimated Number of Trees to Remove	35	300	107	55	497
Estimated Number of Trees to Prune	71	94	213	40	418
Estimated Total Trees	106	394	320	95	915
Estimated Number of Protected Trees	N/A	87	N/A	73	N/A
Estimated Number of Trees on Private Property	N/A	67	N/A	95	N/A
Estimated Number of trees on Public Property	N/A	1	N/A	0	N/A
Estimated Number of Trees on ROW	N/A	326	N/A	0	N/A

Tree Ordinance

The City of Sunnyvale protects all trees that are 12 inches in diameter at 54 inches above grade and multi-stem trees with a sum of diameters of 36 inches (Municipal Code Chapter 19.94). A tree is defined as any woody plant of 4 inches or greater diameter at 54 inches height.

Description of Trees

Sunnyvale’s stretch of track had areas of low and high canopy intrusion. In two of the densest areas we conducted a TI (described further below); in all other sections, we estimated species composition (Table S-2) and numbers from a LTA. Trees in Sunnyvale varied from small bush

like trees growing within the right-of-way to large trees on private property over-hanging the tracks, to nearly barren of vegetation.

Tree Inventory

Four hundred eighty-nine (489) trees had canopy within the Project Area from North Mary Ave to North Mathilda Ave. on the west side and N. Sunnyvale Ave. on the east side and from mile post 39.7 to 40.6 (west side only). Inventory data for each tree are provided in Attachment 3.

The northern Tree Inventory area was dominated by bottlebrush hedge (256 trees). Even though they have the appearance of shrubs, these trees were included in this assessment because they met Sunnyvale's definition of tree. This hedge bordered the west side of the tracks from North Mary Ave. to North Mathilda Ave. and was interspersed with compact myrtles and flax leafed paper bark. Besides bottlebrush, red ironbark (44), compact myrtle (22), glossy privet (17), and Flaxleaf paperbark (15) were common in Sunnyvale's Tree Inventory (Table S-3).

Except for along Evelyn Ave., many trees were on private property (162). Large sound walls protected these areas from the railroad tracks and blocked the arborist's view of the tree below the height of the wall. Where that occurred, we estimated the trunk diameter range based on the size of the canopy.

Replacement

Sunnyvale requires a 1:1 replacement with a 24"-box tree for every protected tree removed.

Table S-2 –Tree Taxa Identified in Sunnyvale LTA

Common Name	Scientific Name	Estimated Percentage
Acacia	<i>Acacia sp.</i>	1%
Tree of heaven	<i>Ailanthus altissima</i>	3%
Silk tree	<i>Albizia julibrissin</i>	2%
Strawberry tree	<i>Arbutus unedo</i>	1%
Deodar cedar	<i>Cedrus deodara</i>	1%
Camphor	<i>Cinnamomum camphora</i>	4%
Italian cypress	<i>Cupressus sempervirens</i>	7%
Loquat	<i>Eriobotrya sp.</i>	1%
Eucalyptus	<i>Eucalyptus sp.</i>	1%
Australian willow	<i>Geijera parviflora</i>	3%
Monterey cypress	<i>Hesperocyparis macrocarpa</i>	1%
Black walnut	<i>Juglans hindsii</i>	3%
Crape myrtle	<i>Lagerstroemia indica</i>	6%
Glossy privet	<i>Ligustrum lucidum</i>	1%
Sweetgum	<i>Liquidambar styraciflua</i>	10%
Bottle brush	<i>Melaleuca citrina</i>	14%
Melaleuca	<i>Melaleuca sp.</i>	14%
London plane	<i>Platanus x hispanica</i>	2%
Podocarpus	<i>Podocarpus sp.</i>	2%
Pear	<i>Pyrus sp.</i>	9%
Oak	<i>Quercus sp.</i>	6%
Coast redwood	<i>Sequoia sempervirens</i>	7%
Palm	<i>Washingtonia sp.</i>	1%

Table S-3: Estimated removal or pruning required and condition of trees in Sunnyvale's Tree Inventory.

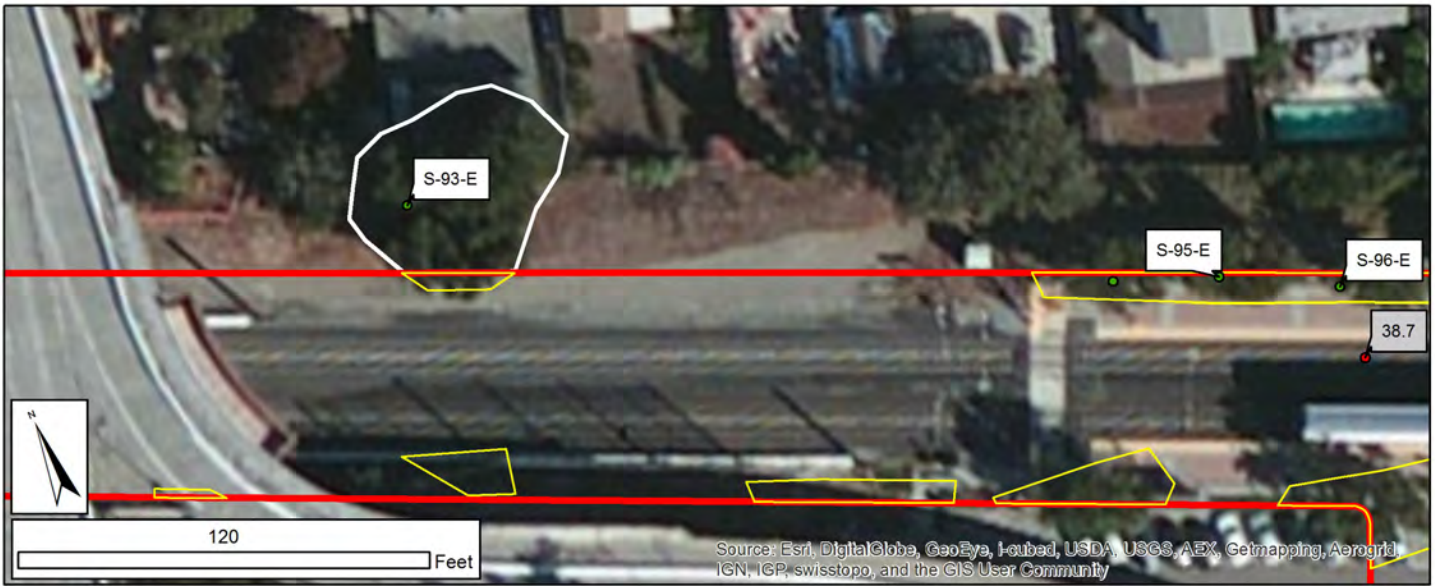
Common Name	Scientific Name	Pruning Required			Remove			Total
		Poor	Fair/Good	Total	Poor	Fair/Good	Total	
Blackwood acacia	<i>Acacia melanoxylon</i>	1	1	2	1	7	8	10
River She-Oak	<i>Casuarina cunninghamiana</i>	2	-	2	1	-	1	3
Deodar cedar	<i>Cedrus deodara</i>	-	6	6	-	7	7	13
Hackberry	<i>Celtis australis</i>	-	7	7	-	3	3	10
Carrot wood	<i>Cupaniopsis anacardioides</i>	-	1	1	-	-	-	1
Italian cypress	<i>Cupressus sempervirens</i>	-	-	-	1	-	1	1
Hopseed	<i>Dodonaea viscosa</i>	1	-	1	-	-	-	1
Silver dollar gum	<i>Eucalyptus polyanthemos</i>	-	1	1	-	3	3	4
Swamp mahongany	<i>Eucalyptus robusta</i>	-	-	-	-	2	2	2
Red iron bark	<i>Eucalyptus sideroxylon</i>	-	42	42	-	2	2	44
Evergreen ash	<i>Fraxinus uhdei</i>	-	1	1	-	-	-	1
Hollywood juniper	<i>Juniperus chinensis</i>	-	1	1	-	1	1	2
Crape myrtle	<i>Lagerstroemia indica</i>	-	-	-	-	4	4	4
Glossy privet	<i>Ligustrum lucidum</i>	1	5	6	3	8	11	17
Brisbane box	<i>Lophostemon confertus</i>	2	3	5	-	1	1	6
Flaxleaf paperbark	<i>Melaleuca linariifolia</i>	-	10	10	-	5	5	15
Bottlebrush	<i>Melaleuca viminalis</i>	-	11	11	-	245	245	256
Myporum	<i>Myporum sp.</i>	2	-	2	-	-	-	2
Compact myrtle	<i>Myrtus communis</i> 'Compacta'	-	11	11	-	11	11	22
Photinia	<i>Photinia sp.</i>	-	-	-	2	-	2	2
Canary Island pine	<i>Pinus canariensis</i>	-	11	11	-	-	-	11
Monterey pine	<i>Pinus radiata</i>	-	1	1	-	13	13	14
London plane	<i>Platanus x hispanica</i>	-	-	-	-	2	2	2

Common Name	Scientific Name	Pruning Required			Remove			Total
		Poor	Fair/Good	Total	Poor	Fair/Good	Total	
Yew pine	<i>Podocarpus macrophyllus</i>	-	2	2	-	2	2	4
Lombardy poplar	<i>Populus nigra 'Italica'</i>	-	1	1	-	-	-	1
Purple leaf plum	<i>Prunus cerasifera</i>	2	-	2	-	3	3	5
Callery pear	<i>Pyrus calleryana</i>	1	4	5	-	6	6	11
Coast Live Oak	<i>Quercus agrifolia</i>	1	1	2	-	-	-	2
Holly Oak	<i>Quercus ilex</i>	-	1	1	-	-	-	1
African sumac	<i>Rhus lancea</i>	-	-	-	-	1	1	1
California pepper	<i>Schinus molle</i>	-	1	1	-	-	-	1
Coast Redwood	<i>Sequoia sempervirens</i>	-	1	1	-	9	9	10
Chinese elm	<i>Ulmus parvifolia</i>	-	1	1	-	-	-	1
Mexican fan palm	<i>Washingtonia robusta</i>	-	3	3	-	5	5	8
Shiny Xylosma	<i>Xylosma congesta</i>	-	-	-	-	1	1	1
Grand Total		13	127	140	8	341	349	489
		2.7%	26.0%	28.6%	1.6%	69.7%	71.4%	

Exhibit S-1: Map of Jurisdiction of Sunnyvale



Exhibit S-2: Detail View of S-93-E



Legend

- Trees
- Mile Post
- Canopy Intrusion
- Non-Intruding Canopy
- Project Area

Tree ID Number	S-93-E
Trunk Diameter	36-41"
Multi-Stem?	Yes
Species	Coast Live Oak
Protected by Jurisdiction?	Yes
Trunk in Project Area?	No
Trunk distance to track	N/A
Distance from canopy to track	14-18'
Remove tree?	No
Tree location	ROW



Project Area

Tree S-93-E was a large coast live oak with less than 25% of the canopy extending into the Project Area.

Exhibit S-3: Detail View of S-141-W



Legend

- Trees
- Mile Post
- Canopy Intrusion
- Non-Intruding Canopy
- Project Area

Tree ID Number	S-141-W
Trunk Diameter	04-11"
Multi-Stem?	No
Species	Coast Live Oak
Protected by Jurisdiction?	No
Trunk in Project Area	Yes
Trunk distance to track	19-24'
Distance from canopy to track	N/A
Remove tree?	Yes
Location	ROW



The south side of the Right-Of-Way from N. Bernardo Ave. to S. Mathilda Ave. (mile marker 37.5-38.6) was lined with bottlebrush pruned into hedges interspersed with larger trees. In the photo above, S-141-W (orange arrow) was a young coast live oak within the hedge of bottlebrush. The line of trees at the edge of Evelyn Ave. mostly had trunks within the Project Area and would require removal.

DRAFT Tree Inventory and Canopy Assessment, PCEP

Attachment 2: Santa Clara

Summary

Based on a Limited Tree Assessment (LTA) of the entire jurisdiction, our model predicted 287 trees had canopy in the Project Area. Ninety-six (96) trees would be removed. The most common species in Santa Clara were coast redwood, tree of heaven and eucalyptus.

Table Sa-1 – Summary of Santa Clara Tree Estimates

	LTA (MP 40.8-45.3)
Canopy in Project Area (acres)	1.2
Estimated Number of Trees to Remove	96
Estimated Number of Trees to Prune	191
Estimated Total Trees	287

Tree Ordinance

The City of Santa Clara protects all healthy cedar, redwood, oak, olive, bay laurel and pepper trees of any size and all other trees 12” and greater at 48” above grade (General Land Use Policy 5.3.1).

Description of Trees

Santa Clara had a moderate density of trees with the model predicting 287 trees with canopy intruding into the Project Area. Ninety-six (96) of these trees required removal. The most common species in Santa Clara were coast redwood, tree of heaven and eucalyptus (Table Sa-2).

Tree Replacement

Mitigation for trees that are removed is determined by the City Arborist.

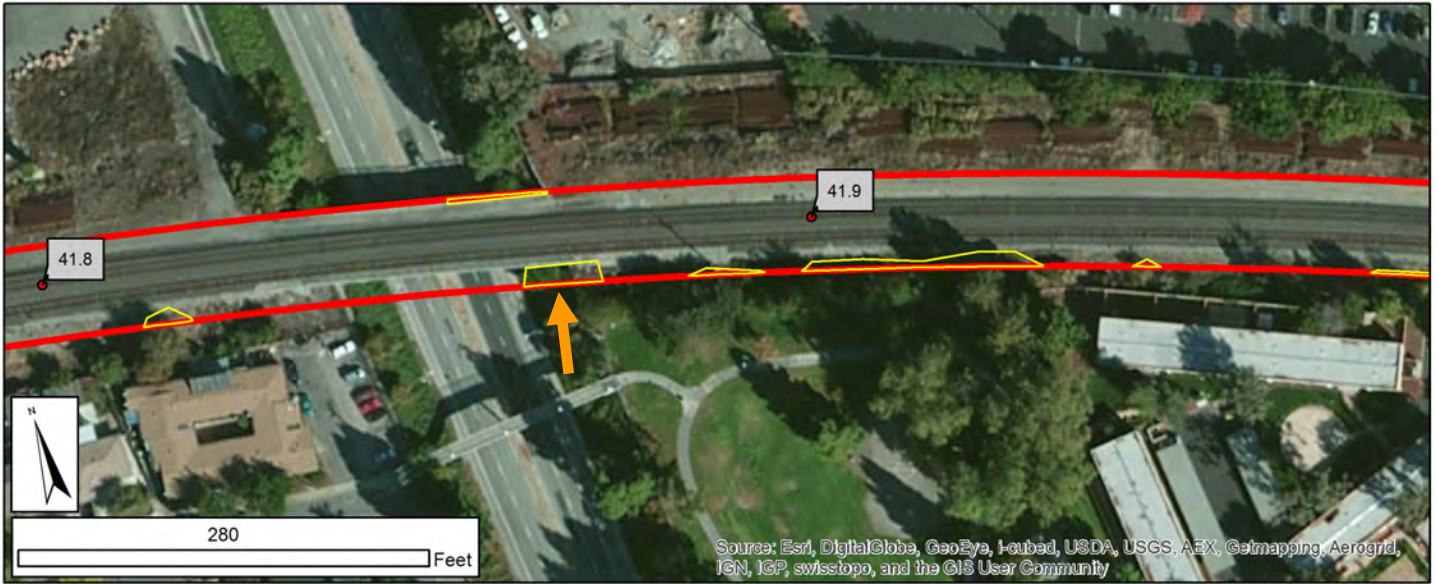
Table Sa-2 –Tree Taxa Identified in Santa Clara LTA

Common Name	Scientific Name	Estimated Percentage
Tree of heaven	<i>Ailanthus altissima</i>	18%
Madrone	<i>Arbutus menziesii</i>	2%
She-oak	<i>Casuarina sp.</i>	2%
Italian cypress	<i>Cupressus sempervirens</i>	3%
Eucalyptus	<i>Eucalyptus sp.</i>	10%
Ash	<i>Fraxinus sp.</i>	1%
Black walnut	<i>Juglans hindsii</i>	7%
English walnut	<i>Juglans regia</i>	1%
Crape myrtle	<i>Lagerstroemia indica</i>	2%
Glossy privet	<i>Ligustrum lucidum</i>	1%
Pine	<i>Pinus sp.</i>	7%
Pittosporum	<i>Pittosporum sp.</i>	2%
Fruit	<i>Prunus sp.</i>	3%
Pear	<i>Pyrus sp.</i>	1%
Oak	<i>Quercus sp.</i>	7%
Pepper	<i>Schinus sp.</i>	2%
Coast redwood	<i>Sequoia sempervirens</i>	22%
Elm	<i>Ulmus sp.</i>	2%
Palm	<i>Washingtonia sp.</i>	6%

Exhibit Sa-1: Map of Jurisdiction of Santa Clara



Exhibit Sa-2: Detail View of Santa Clara



Legend

- Trees
- Mile Post
- Canopy Intrusion
- Non-Intruding Canopy
- Project Area



Project Area

Much of the vegetation visible in the Santa Clara canopy analysis was brush, as illustrated in the rectangle (orange arrow) at the south eastern side of Bowers street on the aerial photo above. These shrubs are not subject to City of Santa Clara's tree ordinance.

The above photo shows an area of a small amount of pruning required to provide clearance. Across Bowers Street some canopy from several trees intruded into the Project Area and would need to be pruned.

DRAFT Tree Inventory and Canopy Assessment, PCEP

Attachment 2: San Jose

Summary

Through Limited Tree Assessment (LTA), our model predicted 467 trees would have canopy within the Project Area, including 96 trees requiring removal (Table SJ-1). The most common species in San Jose were Jacaranda, Brisbane box, coast redwood, and tree of heaven.

Table SJ-2 – Summary of San Jose Tree Estimates

	LTA (MP 45.3-52.0)
Canopy in Project Area (acres)	1.95
Estimated Number of Trees to Remove	157
Estimated Number of Trees to Prune	310
Estimated Total Trees	467

Tree Ordinance

The City of San Jose protects all trees 18” or greater at 24” above grade within its jurisdiction (Ordinance Chapter 13.32).

Description of Trees

The City of San Jose had moderate tree density throughout most of its jurisdiction, with large stretches of very few trees (such as mile post 51-52). Our work ended at mile post 52 as outlined in our original Project Area. From the canopy analysis, we estimated 467 trees would have canopy within the Project Area, including 96 trees requiring removal. San Jose was the jurisdiction with the highest number of trees for which we did not conduct a Tree Inventory. Because the jurisdiction was large, with a moderate tree density tree numbers were high, but no areas of San Jose had tree densities similar to Atherton, Menlo Park and Palo Alto. San Jose’s urban forest was diverse with only Jacaranda comprising more than 10% of the population. The most commonly encountered species were jacaranda, Brisbane box, coast redwood, and Tree of heaven (Table SJ-2).

Table SJ-2 – Tree Taxa Encountered in San Jose LTA

Common Name	Scientific Name	Estimated Percentage
Box elder	<i>Acer negundo</i>	1%
Tree of heaven	<i>Ailanthus altissima</i>	6%
Deodar cedar	<i>Cedrus deodara</i>	1%
Jacaranda	<i>Jacaranda mimosifolia</i>	13%
Black walnut	<i>Juglans hindsii</i>	5%
Glossy privet	<i>Ligustrum lucidum</i>	1%
Brisbane box	<i>Lophostemon confertus</i>	7%
Palm	<i>Phoenix sp. or Washintonia sp.</i>	2%
Pine	<i>Pinus sp.</i>	5%
Pistache	<i>Pistacia sp.</i>	1%
London plane	<i>Platanus x hispanica</i>	5%
Lombardy poplar	<i>Populus nigra 'Italica'</i>	1%
Pear	<i>Pyrus sp.</i>	1%
Oak	<i>Quercus sp.</i>	4%
Willow	<i>Salix sp.</i>	2%
Elderberry	<i>Sambucus sp.</i>	1%
Pepper	<i>Schinus sp.</i>	1%
Coast redwood	<i>Sequoia sempervirens</i>	7%
Elm	<i>Ulnus sp.</i>	1%

Exhibit SJ-1: Map of Jurisdiction of San Jose

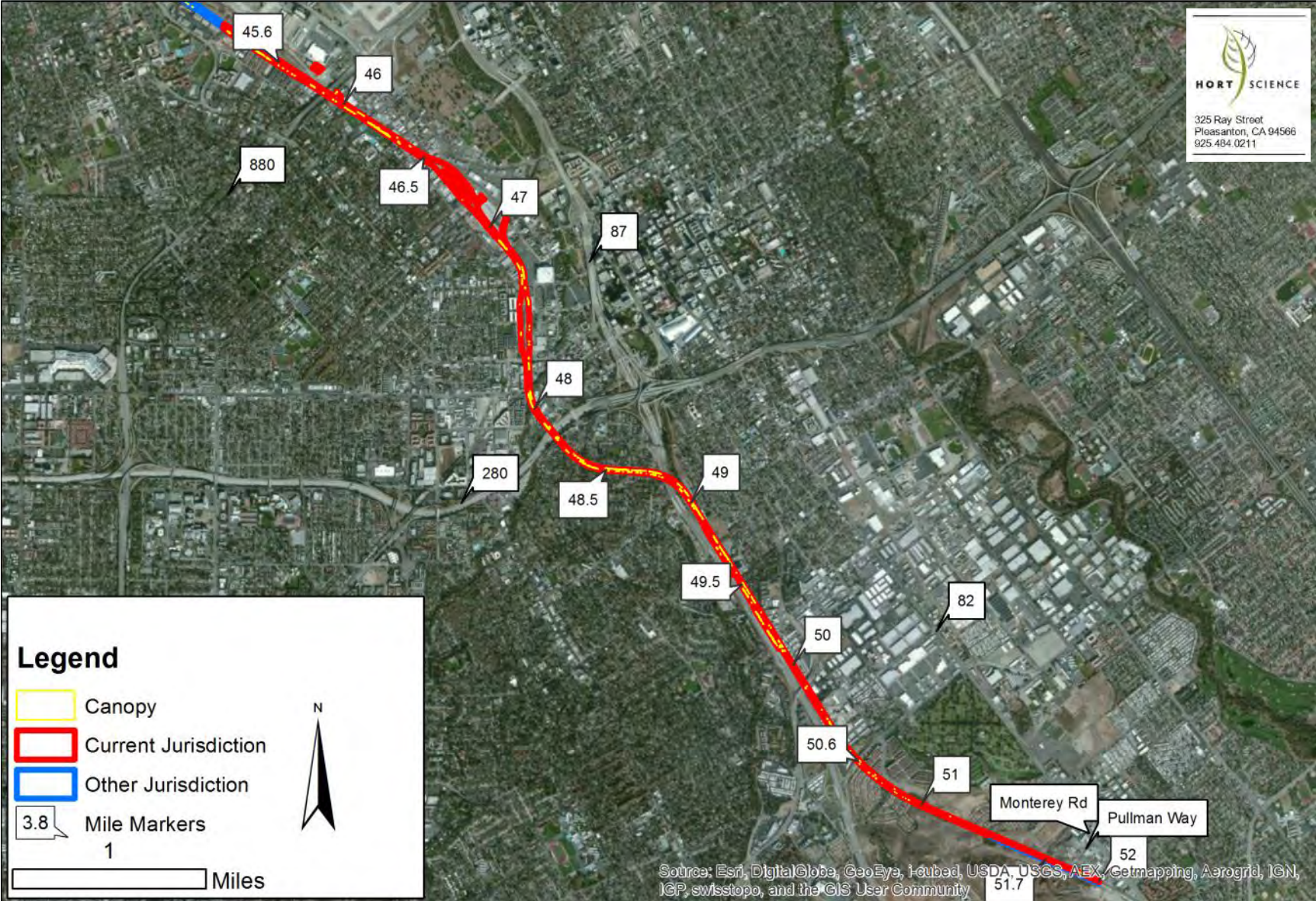


Exhibit SJ-2: Detail View of San Jose



Legend

- Trees
- Mile Post
- Canopy Intrusion
- Non-Intruding Canopy
- Project Area



Project Area

A line of eucalyptus bordered the Project Area in San Jose near mile post 49.5. A few trees had canopy intruding into the Project Area and would require pruning. None of these trees should require sufficient pruning to require removal.

DRAFT Tree Inventory and Canopy Assessment, PCEP
Attachment 2: Unincorporated 3, Santa Clara County

Summary

No canopy intruded into the Project Area in Unincorporated Santa Clara County.


Exhibit U3-1: Map of Jurisdiction of Unincorporated Santa Clara County





Attachment 3

Tree Inventory



DRAFT Tree Inventory and Canopy Assessment
Peninsula Corridor Electrification Project
February 2014



DRAFT Tree Inventory and Canopy Assessment, PCEP
Attachment 3

Table of Contents

	Page
Atherton	A3-3
Burlingame	A3-14
Menlo Park	A3-26
Palo Alto	A3-49
Sunnyvale	A3-67
Unincorporated San Mateo County	A3-84

Tree Inventory Terms

At the time the Tree Inventory was conducted, the Project Area was defined as 29 feet from the centerline of the outside track. The Tree Inventory data includes 2,672 trees. The Project Area was subsequently reduced to 24 feet, which required making some adjustments to the data, and reduced the number of trees within the Project Area to

For a description of the methods employed in the Tree Inventory, refer to the main document, pages 6-9.

Tree ID – Each tree was assigned a unique identifier that has three sections. First is a jurisdiction code (A-Atherton, B-Burlingame, MP- Menlo Park, PA- Palo Alto, S- Sunnyvale, U2 – Unincorporated San Mateo County). Second is a number running from north to south. Third is the side of the tracks. For example, tree A-1-E is the northern-most tree on the east side of the tracks in Atherton.

Common Name – The common name of the tree. Refer to Attachment 4 for a list of scientific names.

DBH – Trunk diameter in inches at 54 inches above grade (DBH), expressed in categories: 6-11”, 12-17”, 18-23”, 24-30”, 30-35”, 36-41”, 42”+.

Ptd. – Is tree protected by local ordinance (yes/no)? See Attachment 1 for a description of the tree protection requirements for each jurisdiction

Cond. – Condition rating. A five point system of classifying tree health and structure: 1-very poor, 2-poor, 3-fair, 4-good, 5-excellent.

Trunk to Rail – The distance in feet from the trunk to the centerline of the outside track, in the following categories: 4-8', 9-13-, 14-18', 19-24', 24-19' .

Canopy to Rail – If the trunk was farther than 29' from the centerline of the rail, the distance from the edge of the canopy to the centerline of the outside track was measured and categorized as: 4-8', 9-13-, 14-18', 19-24', 24-19'.

Impact – Will the tree require pruning or removal due to the project (yes/no)?

Remove – Will the tree require removal due to the project? Because of the change in Project Area after the completion of field work, we estimated that trees 24-29' distance from the centerline of the track group had a 25% probability of being removed.

Location – Whether the tree appeared to the assessors to be on private, public or ROW property.

Lat. – Latitude – the location of the tree in decimal degrees.

Long. – Longitude – the location of the tree in decimal degrees.

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
A-1-E	Coast Live Oak	18-23"	Yes	4	24-29'	-	Yes	25%	Private	37.467517	-122.20226
A-2-E	Coast Live Oak	24-30"	Yes	3	24-29'	-	Yes	25%	Private	37.467454	-122.20216
A-3-E	Compact blue gum	12-17"	Yes	2	24-29'	-	Yes	25%	Private	37.467332	-122.20197
A-4-E	Compact blue gum	12-17"	Yes	2	24-29'	-	Yes	25%	Private	37.467323	-122.20195
A-5-E	Compact blue gum	12-17"	Yes	2	24-29'	-	Yes	25%	Private	37.467313	-122.20194
A-6-E	Compact blue gum	12-17"	Yes	2	24-29'	-	Yes	25%	Private	37.467305	-122.20193
A-7-E	Compact blue gum	12-17"	Yes	2	24-29'	-	Yes	25%	Private	37.467297	-122.20191
A-8-E	Compact blue gum	12-17"	Yes	2	24-29'	-	Yes	25%	Private	37.467288	-122.2019
A-9-E	Compact blue gum	12-17"	Yes	2	24-29'	-	Yes	25%	Private	37.467276	-122.20188
A-10-E	Compact blue gum	12-17"	Yes	2	24-29'	-	Yes	25%	Private	37.467263	-122.20186
A-11-E	Compact blue gum	12-17"	Yes	2	24-29'	-	Yes	25%	Private	37.467244	-122.20183
A-12-E	Compact blue gum	12-17"	Yes	2	24-29'	-	Yes	25%	Private	37.46723	-122.20181
A-13-E	Compact blue gum	12-17"	Yes	2	24-29'	-	Yes	25%	Private	37.467218	-122.20179
A-14-E	Compact blue gum	12-17"	Yes	2	24-29'	-	Yes	25%	Private	37.467203	-122.20177
A-15-E	Compact blue gum	12-17"	Yes	2	24-29'	-	Yes	25%	Private	37.467188	-122.20174
A-16-E	Compact blue gum	12-17"	Yes	2	24-29'	-	Yes	25%	Private	37.467173	-122.20172
A-17-E	Compact blue gum	12-17"	Yes	2	24-29'	-	Yes	25%	Private	37.467161	-122.2017
A-18-E	Compact blue gum	12-17"	Yes	2	24-29'	-	Yes	25%	Private	37.467145	-122.20167
A-19-E	Compact blue gum	12-17"	Yes	2	24-29'	-	Yes	25%	Private	37.467132	-122.20165
A-20-E	Compact blue gum	12-17"	Yes	2	24-29'	-	Yes	25%	Private	37.467118	-122.20163
A-21-E	Swamp mahogany	24-30"	Yes	2	-	14-18'	Yes	No	Private	37.467077	-122.20153
A-22-E	Swamp mahogany	12-17"	No	2	24-29'	-	Yes	25%	Private	37.467059	-122.20153
A-23-E	Valley oak	18-23"	Yes	3	-	19-24'	Yes	No	Private	37.467012	-122.20139
A-24-E	Monterey pine	36-41"	Yes	3	-	24-29'	No	No	Private	37.466941	-122.20128
A-25-E	Monterey pine	30-35"	Yes	2	-	19-24'	Yes	No	Private	37.466897	-122.20122
A-26-E	Monterey pine	12-17"	No	2	-	19-24'	Yes	No	Private	37.466882	-122.20119
A-27-E	Monterey pine	12-17"	No	2	-	19-24'	Yes	No	Private	37.466868	-122.20118
A-28-E	Monterey pine	24-30"	Yes	3	-	19-24'	Yes	No	Private	37.466857	-122.20116
A-29-E	Monterey pine	24-30"	Yes	3	-	19-24'	Yes	No	Private	37.466833	-122.20111
A-30-E	Coast Live Oak	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.466795	-122.2011
A-31-E	Monterey pine	42" or greater	Yes	3	-	19-24'	Yes	No	Private	37.466791	-122.20105
A-32-E	Coast Live Oak	06-11"	No	3	24-29'	-	Yes	25%	Private	37.466765	-122.20105

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
A-33-E	Monterey pine	42" or greater	Yes	3	-	19-24'	Yes	No	Private	37.466756	-122.201
A-34-E	Compact blue gum	30-35"	Yes	3	24-29'	-	Yes	25%	Private	37.466733	-122.20099
A-35-E	Compact blue gum	18-23"	Yes	3	-	19-24'	Yes	No	Private	37.466716	-122.20094
A-36-E	Compact blue gum	36-41"	Yes	4	24-29'	-	Yes	25%	Private	37.466688	-122.20093
A-37-E	Compact blue gum	42" or greater	Yes	3	24-29'	-	Yes	25%	Private	37.466675	-122.2009
A-38-E	Compact blue gum	42" or greater	Yes	3	-	14-18'	Yes	No	Private	37.466594	-122.20075
A-39-E	Compact blue gum	12-17"	Yes	3	24-29'	-	Yes	25%	Private	37.466562	-122.20072
A-40-E	Compact blue gum	30-35"	Yes	3	24-29'	-	Yes	25%	Private	37.466496	-122.20062
A-41-E	Blue gum	18-23"	Yes	3	-	19-24'	Yes	No	Private	37.466413	-122.20043
A-42-E	Monterey pine	12-17"	No	2	-	14-18'	Yes	No	Private	37.46635	-122.20034
A-43-E	Monterey pine	36-41"	Yes	3	-	09-13'	Yes	No	Private	37.466335	-122.20031
A-44-E	Compact blue gum	12-17"	Yes	3	24-29'	-	Yes	25%	Private	37.466295	-122.20029
A-45-E	Compact blue gum	42" or greater	Yes	3	-	09-13'	Yes	No	Private	37.466271	-122.20022
A-46-E	Canary Island palm	12-17"	No	3	-	19-24'	Yes	No	Private	37.466243	-122.20017
A-47-E	Compact blue gum	06-11"	No	3	-	24-29'	No	No	Private	37.466226	-122.20016
A-48-E	Valley oak	24-30"	Yes	4	24-29'	-	Yes	25%	Private	37.466193	-122.20016
A-49-E	Valley oak	06-11"	No	1	19-24'	-	Yes	Yes	Private	37.46617	-122.2001
A-50-E	Coast Live Oak	18-23"	Yes	4	19-24'	-	Yes	Yes	Private	37.466136	-122.20003
A-51-E	Coast Live Oak	06-11"	No	3	19-24'	-	Yes	Yes	ROW	37.466039	-122.19992
A-52-E	Coast Live Oak	06-11"	No	1	19-24'	-	Yes	Yes	Private	37.466028	-122.19989
A-53-E	Coast Live Oak	18-23"	Yes	3	19-24'	-	Yes	Yes	Private	37.465957	-122.19977
A-54-E	Coast Live Oak	18-23"	Yes	3	19-24'	-	Yes	Yes	Private	37.465892	-122.19967
A-55-E	Coast Live Oak	18-23"	No	3	19-24'	-	Yes	Yes	Private	37.465795	-122.19949
A-56-E	Tree of Heaven	06-11"	No	2	19-24'	-	Yes	Yes	Private	37.465737	-122.19941
A-57-E	Tree of Heaven	06-11"	No	2	19-24'	-	Yes	Yes	Private	37.465708	-122.19935
A-58-E	Tree of Heaven	06-11"	No	1	19-24'	-	Yes	Yes	Private	37.465684	-122.19934
A-59-E	Tree of Heaven	12-17"	No	1	19-24'	-	Yes	Yes	Private	37.465681	-122.19932
A-60-E	Tree of Heaven	06-11"	No	2	19-24'	-	Yes	Yes	Private	37.465659	-122.19929
A-61-E	Tree of Heaven	12-17"	No	2	24-29'	-	Yes	25%	Private	37.465649	-122.19926

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
A-62-E	Tree of Heaven	06-11"	No	2	19-24'	-	Yes	Yes	Private	37.465626	-122.19926
A-63-E	Tree of Heaven	06-11"	No	1	19-24'	-	Yes	Yes	Private	37.465619	-122.19923
A-64-E	Tree of Heaven	12-17"	No	2	19-24'	-	Yes	Yes	Private	37.465617	-122.19922
A-65-E	Tree of Heaven	06-11"	No	2	24-29'	-	Yes	25%	Private	37.465622	-122.19919
A-66-E	Monterey pine	24-30"	Yes	2	19-24'	-	Yes	Yes	Private	37.465604	-122.19919
A-67-E	Tree of Heaven	06-11"	No	1	19-24'	-	Yes	Yes	Private	37.465587	-122.19918
A-68-E	Monterey pine	36-41"	Yes	2	24-29'	-	Yes	25%	Private	37.465584	-122.19916
A-69-E	Tree of Heaven	06-11"	No	1	19-24'	-	Yes	Yes	Private	37.465563	-122.19914
A-70-E	Tree of Heaven	06-11"	No	1	19-24'	-	Yes	Yes	Private	37.465549	-122.19913
A-71-E	Tree of Heaven	18-23"	No	2	24-29'	-	Yes	25%	Private	37.465554	-122.19912
A-72-E	Tree of Heaven	06-11"	No	2	24-29'	-	Yes	25%	Private	37.465558	-122.19911
A-73-E	Monterey pine	36-41"	Yes	3	24-29'	-	Yes	25%	Private	37.465538	-122.19908
A-74-E	Tree of Heaven	06-11"	No	2	-	09-13'	Yes	No	Private	37.465547	-122.19905
A-75-E	Tree of Heaven	06-11"	No	2	19-24'	-	Yes	Yes	Private	37.465531	-122.19905
A-76-E	Tree of Heaven	06-11"	No	1	19-24'	-	Yes	Yes	Private	37.465511	-122.19906
A-77-E	Tree of Heaven	12-17"	No	2	24-29'	-	Yes	25%	Private	37.465512	-122.19903
A-78-E	Tree of Heaven	06-11"	No	2	-	19-24'	Yes	No	Private	37.465523	-122.19901
A-79-E	Tree of Heaven	06-11"	No	2	-	19-24'	Yes	No	Private	37.465504	-122.19898
A-80-E	Tree of Heaven	06-11"	No	1	-	14-18'	Yes	No	Private	37.465494	-122.19897
A-81-E	Monterey pine	36-41"	Yes	3	24-29'	-	Yes	25%	Private	37.465471	-122.19896
A-82-E	Tree of Heaven	06-11"	No	1	19-24'	-	Yes	Yes	Private	37.465445	-122.19896
A-83-E	Tree of Heaven	06-11"	No	2	19-24'	-	Yes	Yes	Private	37.465433	-122.19892
A-84-E	Tree of Heaven	12-17"	No	2	-	19-24'	Yes	No	Private	37.465442	-122.19889
A-85-E	Tree of Heaven	06-11"	No	2	19-24'	-	Yes	Yes	Private	37.465393	-122.19886
A-86-E	Monterey pine	30-35"	No	3	24-29'	-	Yes	25%	Private	37.465389	-122.19883
A-87-E	Monterey pine	30-35"	No	2	24-29'	-	Yes	25%	Private	37.465364	-122.19879
A-88-E	Tree of Heaven	06-11"	No	2	24-29'	-	Yes	25%	Private	37.465356	-122.19878
A-89-E	Tree of Heaven	06-11"	No	2	24-29'	-	Yes	25%	Private	37.465353	-122.19878
A-90-E	Tree of Heaven	06-11"	No	2	24-29'	-	Yes	25%	Private	37.465349	-122.19877
A-91-E	Coast Live Oak	06-11"	No	2	19-24'	-	Yes	Yes	Private	37.465323	-122.19877
A-92-E	Monterey pine	30-35"	Yes	2	24-29'	-	Yes	25%	Private	37.465322	-122.19873
A-93-E	Bailey acacia	06-11"	No	2	19-24'	-	Yes	Yes	Private	37.465296	-122.19873

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
A-94-E	Bailey acacia	06-11"	No	2	19-24'	-	Yes	Yes	Private	37.465281	-122.19871
A-95-E	Monterey pine	18-23"	Yes	3	24-29'	-	Yes	25%	Private	37.465307	-122.19869
A-96-E	Bailey acacia	06-11"	No	3	-	24-29'	No	No	Private	37.46531	-122.19868
A-97-E	Monterey pine	36-41"	Yes	2	24-29'	-	Yes	25%	Private	37.465233	-122.19857
A-98-E	Pittosporum sp.	06-11"	No	3	-	24-29'	No	No	Private	37.465229	-122.19856
A-99-E	Monterey pine	30-35"	Yes	2	19-24'	-	Yes	Yes	Private	37.465184	-122.19852
A-100-E	Glossy privet	06-11"	No	3	24-29'	-	Yes	25%	Private	37.465174	-122.19849
A-101-E	Monterey pine	36-41"	Yes	1	24-29'	-	Yes	25%	Private	37.465151	-122.19844
A-102-E	Glossy privet	12-17"	No	3	24-29'	-	Yes	25%	Private	37.465121	-122.1984
A-103-E	Valley oak	36-41"	Yes	3	-	14-18'	Yes	No	Private	37.465091	-122.19832
A-104-E	Bailey acacia	06-11"	No	3	-	04-08'	Yes	No	Private	37.465063	-122.19828
A-105-E	Bailey acacia	06-11"	No	3	24-29'	-	Yes	25%	Private	37.465013	-122.19825
A-106-E	Coast Redwood	12-17"	No	3	24-29'	-	Yes	25%	Private	37.46491	-122.19808
A-107-E	Coast Redwood	12-17"	No	3	24-29'	-	Yes	25%	Private	37.464907	-122.19806
A-108-E	Blue gum	30-35"	Yes	4	19-24'	-	Yes	Yes	Private	37.464859	-122.198
A-109-E	Monterey pine	06-11"	No	4	-	04-08'	Yes	No	Private	37.464834	-122.19791
A-110-E	Blue gum	42" or greater	Yes	4	-	04-08'	Yes	No	Private	37.46481	-122.19786
A-111-E	Coast Redwood	06-11"	No	5	24-29'	-	Yes	25%	Private	37.464772	-122.19784
A-112-E	Coast Redwood	06-11"	No	5	24-29'	-	Yes	25%	Private	37.464746	-122.19781
A-113-E	Coast Redwood	06-11"	No	5	24-29'	-	Yes	25%	Private	37.464734	-122.19779
A-114-E	Coast Redwood	06-11"	No	5	24-29'	-	Yes	25%	Private	37.464718	-122.19776
A-115-E	Coast Redwood	06-11"	No	4	24-29'	-	Yes	25%	Private	37.464708	-122.19774
A-116-E	Coast Redwood	06-11"	No	4	24-29'	-	Yes	25%	Private	37.464699	-122.19773
A-117-E	Blackwood acacia	18-23"	No	3	19-24'	-	Yes	Yes	Private	37.464667	-122.19772
A-118-E	Coast Live Oak	06-11"	No	2	14-18'	-	Yes	Yes	ROW	37.464631	-122.19769
A-119-E	Coast Redwood	06-11"	No	4	24-29'	-	Yes	25%	Private	37.464666	-122.19767
A-120-E	Coast Redwood	06-11"	No	4	24-29'	-	Yes	25%	Private	37.464653	-122.19766
A-121-E	Coast Redwood	06-11"	No	4	24-29'	-	Yes	25%	Private	37.464637	-122.19763
A-122-E	Coast Redwood	06-11"	No	4	24-29'	-	Yes	25%	Private	37.464624	-122.19762
A-123-E	Coast Redwood	06-11"	No	4	24-29'	-	Yes	25%	Private	37.464617	-122.19761
A-124-E	Coast Live Oak	06-11"	No	3	14-18'	-	Yes	Yes	ROW	37.46458	-122.19762
A-125-E	River red gum	18-23"	Yes	3	-	04-08'	Yes	No	Private	37.464626	-122.19757

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
A-126-E	Coast Live Oak	06-11"	No	2	14-18'	-	Yes	Yes	ROW	37.464555	-122.19757
A-127-E	Coast Redwood	12-17"	Yes	5	24-29'	-	Yes	25%	Private	37.464589	-122.19757
A-128-E	Coast Redwood	12-17"	Yes	5	24-29'	-	Yes	25%	Public	37.464567	-122.19753
A-129-E	Coast Redwood	18-23"	Yes	5	24-29'	-	Yes	25%	Private	37.464545	-122.1975
A-130-E	Coast Redwood	18-23"	Yes	5	24-29'	-	Yes	25%	Private	37.464525	-122.19746
A-131-E	Coast Redwood	12-17"	Yes	5	24-29'	-	Yes	25%	Private	37.464507	-122.19744
A-132-E	Coast Redwood	06-11"	No	5	24-29'	-	Yes	25%	Private	37.464507	-122.19742
A-133-E	Coast Redwood	18-23"	Yes	5	24-29'	-	Yes	25%	Private	37.464492	-122.19741
A-134-E	Coast Redwood	12-17"	Yes	5	24-29'	-	Yes	25%	Private	37.464488	-122.19739
A-135-E	Coast Redwood	12-17"	Yes	5	24-29'	-	Yes	25%	Private	37.464476	-122.19738
A-136-E	Coast Redwood	12-17"	Yes	5	24-29'	-	Yes	25%	Private	37.46447	-122.19736
A-137-E	Coast Redwood	18-23"	Yes	5	24-29'	-	Yes	25%	Private	37.464465	-122.19736
A-138-E	Coast Redwood	12-17"	Yes	5	24-29'	-	Yes	25%	Private	37.464455	-122.19734
A-139-E	Coast Redwood	18-23"	Yes	5	24-29'	-	Yes	25%	Private	37.464448	-122.19733
A-140-E	Coast Redwood	12-17"	Yes	5	24-29'	-	Yes	25%	Private	37.464441	-122.19732
A-141-E	Coast Redwood	12-17"	Yes	3	24-29'	-	Yes	25%	Private	37.464434	-122.19731
A-142-E	Coast Redwood	06-11"	No	4	24-29'	-	Yes	25%	Private	37.464425	-122.1973
A-143-E	Coast Redwood	18-23"	Yes	5	24-29'	-	Yes	25%	Private	37.464414	-122.19729
A-144-E	Coast Redwood	06-11"	No	1	24-29'	-	Yes	25%	Private	37.464411	-122.19727
A-145-E	Coast Redwood	18-23"	Yes	5	24-29'	-	Yes	25%	Private	37.4644	-122.19726
A-146-E	Coast Redwood	24-30"	Yes	4	24-29'	-	Yes	25%	Private	37.464398	-122.19725
A-147-E	Coast Redwood	24-30"	Yes	5	24-29'	-	Yes	25%	Private	37.464385	-122.19724
A-148-E	Coast Redwood	24-30"	Yes	5	24-29'	-	Yes	25%	Private	37.464373	-122.19722
A-149-E	Coast Redwood	12-17"	Yes	5	24-29'	-	Yes	25%	Private	37.46436	-122.1972
A-150-E	Coast Redwood	18-23"	Yes	5	24-29'	-	Yes	25%	Private	37.464345	-122.19716
A-151-E	Coast Redwood	18-23"	Yes	5	24-29'	-	Yes	25%	Private	37.464325	-122.19714
A-152-E	Coast Redwood	24-30"	Yes	5	24-29'	-	Yes	25%	Private	37.464306	-122.19711
A-153-E	Blue gum	42" or greater	Yes	3	24-29'	-	Yes	25%	Private	37.464167	-122.19691
A-154-E	Blue gum	30-35"	Yes	3	24-29'	-	Yes	25%	Private	37.464134	-122.19683
A-155-E	Pittosporum sp.	18-23"	No	3	19-24'	-	Yes	Yes	Private	37.464111	-122.19684
A-156-E	Pittosporum sp.	18-23"	No	3	19-24'	-	Yes	Yes	Private	37.464109	-122.19682
A-157-E	Pittosporum sp.	18-23"	No	3	19-24'	-	Yes	Yes	Private	37.464108	-122.19682

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
A-158-E	Pittosporum sp.	18-23"	No	3	19-24'	-	Yes	Yes	Private	37.464102	-122.19681
A-159-E	Pittosporum sp.	18-23"	No	3	19-24'	-	Yes	Yes	Private	37.464094	-122.1968
A-160-E	Pittosporum sp.	18-23"	No	3	19-24'	-	Yes	Yes	Private	37.46409	-122.19679
A-161-E	Pittosporum sp.	18-23"	No	3	19-24'	-	Yes	Yes	Private	37.464086	-122.19679
A-162-E	Monterey pine	30-35"	Yes	4	19-24'	-	Yes	Yes	Private	37.464057	-122.19675
A-163-E	Monterey pine	30-35"	Yes	3	19-24'	-	Yes	Yes	Private	37.464027	-122.19671
A-164-E	Pittosporum sp.	06-11"	No	3	19-24'	-	Yes	Yes	Private	37.464007	-122.19668
A-165-E	Pittosporum sp.	06-11"	No	3	19-24'	-	Yes	Yes	Private	37.464004	-122.19667
A-166-E	Valley oak	24-30"	Yes	1	24-29'	-	Yes	25%	Private	37.46401	-122.19664
A-167-E	Monterey pine	30-35"	Yes	3	19-24'	-	Yes	Yes	Private	37.463977	-122.19663
A-168-E	Coast Live Oak	36-41"	Yes	4	19-24'	-	Yes	Yes	Private	37.463953	-122.19659
A-169-E	Coast Live Oak	30-35"	Yes	4	19-24'	-	Yes	Yes	Private	37.463837	-122.1964
A-170-E	Coast Redwood	06-11"	No	4	24-29'	-	Yes	25%	Private	37.463835	-122.19637
A-171-E	Coast Live Oak	18-23"	Yes	4	14-18'	-	Yes	Yes	Private	37.463796	-122.19634
A-172-E	Podocarpus	12-17"	No	4	19-24'	-	Yes	Yes	Private	37.463772	-122.1963
A-173-E	Coast Redwood	12-17"	No	3	24-29'	-	Yes	25%	Private	37.463753	-122.19625
A-174-E	Coast Redwood	12-17"	No	3	24-29'	-	Yes	25%	Private	37.463735	-122.19622
A-175-E	Valley oak	24-30"	Yes	4	19-24'	-	Yes	Yes	Private	37.463721	-122.19622
A-176-E	Glossy privet	06-11"	No	3	19-24'	-	Yes	Yes	Private	37.463711	-122.1962
A-177-E	Silver dollar gum	24-30"	Yes	3	24-29'	-	Yes	25%	Private	37.463697	-122.19616
A-178-E	Coast Redwood	12-17"	Yes	5	-	24-29'	No	No	Private	37.463689	-122.1961
A-179-E	Coast Redwood	12-17"	Yes	5	-	24-29'	No	No	Private	37.463675	-122.19607
A-180-E	Coast Redwood	12-17"	Yes	5	-	24-29'	No	No	Private	37.463655	-122.19604
A-181-E	Italian buckthorn	06-11"	No	3	19-24'	-	Yes	Yes	Private	37.463625	-122.19605
A-182-E	Valley oak	24-30"	Yes	4	-	09-13'	Yes	No	Private	37.463644	-122.19597
A-183-E	Valley oak	30-35"	Yes	4	-	04-08'	Yes	No	Private	37.463628	-122.19594
A-184-E	Italian buckthorn	06-11"	No	3	19-24'	-	Yes	Yes	Private	37.463556	-122.19596
A-185-E	Valley oak	06-11"	No	4	24-29'	-	Yes	25%	Private	37.463527	-122.19588
A-186-E	Coast Live Oak	18-23"	Yes	4	14-18'	-	Yes	Yes	ROW	37.463463	-122.19583
A-187-E	Plum	12-17"	No	2	24-29'	-	Yes	25%	Private	37.463441	-122.19576
A-188-E	Coast Redwood	18-23"	Yes	5	-	19-24'	Yes	No	Private	37.463454	-122.19573
A-189-E	Coast Redwood	18-23"	Yes	5	-	14-18'	Yes	No	Private	37.463442	-122.19571

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
A-190-E	Incense cedar	12-17"	No	4	-	24-29'	No	No	Private	37.463405	-122.19565
A-191-E	Glossy privet	06-11"	No	2	19-24'	-	Yes	Yes	Private	37.463352	-122.19564
A-192-E	Coast Redwood	12-17"	Yes	4	24-29'	-	Yes	25%	Private	37.463371	-122.19563
A-193-E	Coast Redwood	18-23"	Yes	4	24-29'	-	Yes	25%	Private	37.463351	-122.1956
A-194-E	Coast Redwood	18-23"	Yes	4	24-29'	-	Yes	25%	Private	37.463334	-122.19557
A-195-E	Coast Redwood	24-30"	Yes	4	24-29'	-	Yes	25%	Private	37.463315	-122.19554
A-196-E	Coast Redwood	24-30"	Yes	4	24-29'	-	Yes	25%	Private	37.463298	-122.19552
A-197-E	Coast Redwood	12-17"	No	3	24-29'	-	Yes	25%	Private	37.463264	-122.19548
A-198-E	Coast Redwood	18-23"	Yes	4	19-24'	-	Yes	Yes	Public	37.463232	-122.19544
A-199-E	Coast Redwood	36-41"	Yes	4	24-29'	-	Yes	25%	Private	37.463227	-122.19542
A-200-E	Coast Redwood	06-11"	No	4	19-24'	-	Yes	Yes	Private	37.463193	-122.19539
A-201-E	Glossy privet	12-17"	No	3	24-29'	-	Yes	25%	Private	37.463206	-122.19538
A-202-E	Monterey pine	24-30"	Yes	3	24-29'	-	Yes	25%	Private	37.463177	-122.19532
A-203-E	Monterey pine	06-11"	No	3	24-29'	-	Yes	25%	Private	37.463135	-122.19525
A-204-E	Monterey pine	12-17"	No	2	24-29'	-	Yes	25%	Private	37.463099	-122.1952
A-205-E	Monterey pine	12-17"	Yes	3	-	09-13'	Yes	No	Private	37.463084	-122.19515
A-206-E	Silver dollar gum	24-30"	Yes	4	-	14-18'	Yes	No	Private	37.463125	-122.19518
A-207-E	Coast Live Oak	12-17"	Yes	5	-	14-18'	Yes	No	Private	37.463055	-122.19509
A-208-E	Monterey cypress	18-23"	Yes	3	-	09-13'	Yes	No	Private	37.463027	-122.19506
A-209-E	Monterey cypress	24-30"	Yes	3	-	14-18'	Yes	No	Private	37.463001	-122.19501
A-210-E	Italian stone pine	24-30"	Yes	3	-	09-13'	Yes	No	Private	37.462961	-122.19492
A-211-E	Coast Live Oak	06-11"	No	4	19-24'	-	Yes	Yes	Private	37.462884	-122.1949
A-212-E	Coast Redwood	06-11"	No	3	24-29'	-	Yes	25%	Private	37.46289	-122.19486
A-213-E	Coast Redwood	06-11"	No	4	24-29'	-	Yes	25%	Private	37.462871	-122.19484
A-214-E	Coast Redwood	06-11"	No	4	24-29'	-	Yes	25%	Private	37.462858	-122.19482
A-215-E	Coast Redwood	06-11"	No	4	24-29'	-	Yes	25%	Private	37.462845	-122.1948
A-216-E	Coast Redwood	06-11"	No	3	24-29'	-	Yes	25%	Private	37.462837	-122.19478
A-217-E	Coast Redwood	06-11"	No	3	24-29'	-	Yes	25%	Private	37.462824	-122.19476
A-218-E	Coast Redwood	06-11"	No	3	24-29'	-	Yes	25%	Private	37.462805	-122.19473
A-219-E	Coast Redwood	06-11"	No	3	24-29'	-	Yes	25%	Private	37.462792	-122.19471
A-220-E	Valley oak	42" or greater	Yes	4	14-18'	-	Yes	Yes	Private	37.462722	-122.19465
A-221-E	Coast Redwood	06-11"	No	3	24-29'	-	Yes	25%	Private	37.462725	-122.1946

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
A-222-E	Coast Redwood	06-11"	No	3	24-29'	-	Yes	25%	Private	37.462706	-122.19457
A-223-E	Coast Redwood	06-11"	No	4	24-29'	-	Yes	25%	Private	37.462685	-122.19455
A-224-E	Coast Redwood	06-11"	No	4	24-29'	-	Yes	25%	Private	37.462666	-122.19452
A-225-E	Valley oak	12-17"	Yes	3	24-29'	-	Yes	25%	Private	37.462646	-122.19448
A-226-E	Valley oak	12-17"	Yes	3	24-29'	-	Yes	25%	Private	37.462631	-122.19447
A-227-E	Valley oak	42" or greater	Yes	4	19-24'	-	Yes	Yes	Private	37.462603	-122.19445
A-228-E	Coast Redwood	12-17"	Yes	4	-	24-29'	No	No	Private	37.462621	-122.19441
A-229-E	Coast Live Oak	12-17"	Yes	2	14-18'	-	Yes	Yes	ROW	37.462534	-122.19437
A-230-E	Coast Redwood	18-23"	Yes	5	19-24'	-	Yes	Yes	Private	37.462528	-122.19433
A-231-E	Glossy privet	06-11"	No	3	14-18'	-	Yes	Yes	Private	37.462501	-122.19429
A-232-E	Valley oak	30-35"	Yes	4	14-18'	-	Yes	Yes	Private	37.462459	-122.19426
A-233-E	Coast Redwood	06-11"	No	4	19-24'	-	Yes	Yes	Private	37.462444	-122.19421
A-234-E	Coast Redwood	12-17"	Yes	4	19-24'	-	Yes	Yes	Private	37.462435	-122.19418
A-235-E	Coast Redwood	18-23"	Yes	4	19-24'	-	Yes	Yes	Private	37.462418	-122.19416
A-236-E	Coast Redwood	06-11"	No	4	19-24'	-	Yes	Yes	Private	37.462396	-122.19414
A-237-E	Coast Redwood	06-11"	No	4	19-24'	-	Yes	Yes	Private	37.462386	-122.19412
A-238-E	Coast Redwood	30-35"	Yes	5	14-18'	-	Yes	Yes	Private	37.462369	-122.19409
A-239-E	Coast Redwood	06-11"	No	4	19-24'	-	Yes	Yes	Private	37.462356	-122.19407
A-240-E	Valley oak	12-17"	Yes	4	14-18'	-	Yes	Yes	ROW	37.46234	-122.19407
A-241-E	Coast Redwood	12-17"	No	4	19-24'	-	Yes	Yes	Private	37.462334	-122.19404
A-242-E	Coast Redwood	06-11"	No	4	19-24'	-	Yes	Yes	Private	37.46233	-122.19403
A-243-E	Coast Redwood	12-17"	Yes	5	19-24'	-	Yes	Yes	Private	37.462315	-122.19401
A-244-E	Coast Redwood	18-23"	Yes	4	19-24'	-	Yes	Yes	Private	37.462309	-122.19399
A-245-E	Coast Redwood	18-23"	Yes	4	19-24'	-	Yes	Yes	Private	37.462294	-122.19398
A-246-E	Coast Redwood	06-11"	No	4	14-18'	-	Yes	Yes	Private	37.462289	-122.19397
A-247-E	Coast Redwood	06-11"	No	4	-	19-24'	Yes	No	Private	37.462319	-122.19393
A-248-E	Coast Redwood	18-23"	Yes	5	19-24'	-	Yes	Yes	Private	37.462275	-122.19393
A-249-E	Coast Redwood	18-23"	Yes	5	19-24'	-	Yes	Yes	Private	37.462263	-122.1939
A-250-E	Blue gum	42" or greater	Yes	4	19-24'	-	Yes	Yes	Public	37.462071	-122.19358
A-251-E	Coast Live Oak	06-11"	No	4	14-18'	-	Yes	Yes	Public	37.462027	-122.19352
A-252-E	Coast Live Oak	18-23"	Yes	4	19-24'	-	Yes	Yes	Public	37.462005	-122.19349

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
A-253-E	Cork oak	12-17"	Yes	4	-	24-29'	No	No	Public	37.461998	-122.1934
A-254-E	Coast Live Oak	12-17"	Yes	4	19-24'	-	Yes	Yes	Public	37.461942	-122.19339
A-255-E	Coast Live Oak	12-17"	No	3	19-24'	-	Yes	Yes	Public	37.461913	-122.19333
A-256-E	Coast Live Oak	18-23"	Yes	4	19-24'	-	Yes	Yes	Public	37.461887	-122.1933
A-257-E	Coast Live Oak	06-11"	No	3	24-29'	-	Yes	25%	Public	37.461877	-122.19327
A-258-E	Coast Live Oak	06-11"	No	3	14-18'	-	Yes	Yes	Public	37.461855	-122.19326
A-259-E	Coast Live Oak	12-17"	No	3	19-24'	-	Yes	Yes	Public	37.461826	-122.19323
A-260-E	Coast Live Oak	06-11"	No	3	14-18'	-	Yes	Yes	Private	37.461776	-122.19313
A-261-E	Coast Live Oak	12-17"	No	3	19-24'	-	Yes	Yes	Public	37.461739	-122.19307
A-262-E	Holly Oak	06-11"	No	4	-	24-29'	No	No	Public	37.461742	-122.19301
A-263-E	Coast Live Oak	18-23"	Yes	3	-	24-29'	No	No	Public	37.461703	-122.19293
A-264-E	Coast Live Oak	18-23"	Yes	3	19-24'	-	Yes	Yes	Public	37.461669	-122.19297
A-265-E	Coast Live Oak	18-23"	Yes	3	19-24'	-	Yes	Yes	Public	37.461637	-122.19292
A-266-E	Coast Live Oak	06-11"	No	3	-	24-29'	No	No	Public	37.461661	-122.19287
A-267-E	Coast Live Oak	12-17"	No	3	19-24'	-	Yes	Yes	Public	37.461599	-122.19286
A-268-E	Coast Live Oak	06-11"	No	2	-	19-24'	Yes	No	Public	37.461618	-122.19282
A-269-E	Coast Live Oak	06-11"	No	3	19-24'	-	Yes	Yes	Public	37.461573	-122.19282
A-270-E	Coast Live Oak	06-11"	No	3	19-24'	-	Yes	Yes	Public	37.461567	-122.19281
A-271-E	Coast Live Oak	06-11"	No	3	19-24'	-	Yes	Yes	Public	37.461537	-122.19276
A-272-E	Coast Live Oak	06-11"	No	2	19-24'	-	Yes	Yes	Public	37.461507	-122.19273
A-273-E	Coast Live Oak	12-17"	Yes	3	-	24-29'	No	No	Public	37.461555	-122.1927
A-274-E	American elm	06-11"	No	4	19-24'	-	Yes	Yes	Public	37.461237	-122.19227
A-275-E	American elm	06-11"	No	3	24-29'	-	Yes	25%	Public	37.461227	-122.19224
A-276-E	Coast Live Oak	12-17"	Yes	4	19-24'	-	Yes	Yes	Public	37.461199	-122.19223
A-277-E	California black walnut	18-23"	Yes	3	19-24'	-	Yes	Yes	Public	37.461168	-122.19218
A-278-E	Coast Live Oak	12-17"	Yes	3	19-24'	-	Yes	Yes	Public	37.461152	-122.19216
A-279-E	Coast Live Oak	06-11"	No	1	19-24'	-	Yes	Yes	Public	37.461142	-122.19214
A-280-E	Coast Live Oak	12-17"	No	3	19-24'	-	Yes	Yes	Public	37.461124	-122.19212
A-281-E	American elm	06-11"	No	3	19-24'	-	Yes	Yes	Public	37.461117	-122.19212
A-1-W	Plum	06-11"	No	2	24-29'	-	Yes	25%	ROW	37.467975	-122.20335
A-2-W	Bailey acacia	12-17"	No	4	24-29'	-	Yes	25%	ROW	37.467939	-122.2033
A-3-W	Olive	06-11"	No	2	-	19-24'	Yes	No	Private	37.46791	-122.20329

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
A-4-W	Valley oak	24-30"	Yes	4	24-29'	-	Yes	25%	ROW	37.467858	-122.20319
A-5-W	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.467826	-122.20314
A-6-W	Coast Live Oak	06-11"	No	3	-	19-24'	Yes	No	ROW	37.467775	-122.20307
A-7-W	Plum	12-17"	No	3	24-29'	-	Yes	25%	ROW	37.467716	-122.20295
A-8-W	Coast Live Oak	06-11"	No	4	24-29'	-	Yes	25%	ROW	37.467708	-122.20293
A-9-W	Coast Redwood	12-17"	Yes	5	-	24-29'	No	No	Private	37.467678	-122.20293
A-10-W	Coast Redwood	06-11"	No	4	-	24-29'	No	No	Private	37.467671	-122.20292
A-11-W	Coast Live Oak	24-30"	Yes	4	24-29'	-	Yes	25%	ROW	37.467661	-122.20288
A-12-W	Coast Live Oak	12-17"	Yes	4	24-29'	-	Yes	25%	ROW	37.467661	-122.20288
A-13-W	Monterey pine	18-23"	Yes	2	-	24-29'	No	No	Private	37.467566	-122.20275
A-14-W	Monterey pine	24-30"	Yes	3	-	19-24'	Yes	No	Private	37.467555	-122.20272
A-15-W	Coast Live Oak	06-11"	No	3	-	19-24'	Yes	No	ROW	37.467527	-122.20267
A-16-W	Coast Live Oak	06-11"	No	4	-	19-24'	Yes	No	ROW	37.467512	-122.20265
A-17-W	Monterey pine	30-35"	Yes	1	-	19-24'	Yes	No	Private	37.467486	-122.20263
A-18-W	Coast Live Oak	06-11"	No	4	24-29'	-	Yes	25%	ROW	37.467452	-122.20253
A-19-W	Monterey pine	12-17"	Yes	2	-	19-24'	Yes	No	Private	37.467408	-122.20249
A-20-W	Monterey pine	18-23"	Yes	3	-	14-18'	Yes	No	Private	37.467404	-122.20249
A-21-W	Blue gum	42" or greater	Yes	3	-	19-24'	Yes	No	Private	37.467373	-122.20243
A-22-W	Blue gum	42" or greater	Yes	3	-	19-24'	Yes	No	Private	37.467352	-122.20241
A-23-W	Bailey acacia	06-11"	No	3	-	09-13'	Yes	No	Private	37.467337	-122.20237
A-24-W	Monterey cypress	30-35"	Yes	4	-	19-24'	Yes	No	Private	37.4672	-122.20216
A-25-W	Bailey acacia	06-11"	No	3	-	19-24'	Yes	No	Private	37.466943	-122.20175
A-26-W	Pittosporum sp.	06-11"	No	3	-	24-29'	No	No	Private	37.466881	-122.20165
A-27-W	Coast Live Oak	18-23"	Yes	3	24-29'	-	Yes	25%	ROW	37.466853	-122.20159
A-28-W	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.466825	-122.20155
A-29-W	Coast Live Oak	12-17"	No	3	-	14-18'	Yes	No	ROW	37.466814	-122.20154
A-30-W	Coast Redwood	12-17"	Yes	4	-	24-29'	No	No	Private	37.466799	-122.20153
A-31-W	Coast Redwood	12-17"	No	4	-	24-29'	No	No	Private	37.466797	-122.20152
A-32-W	Coast Redwood	12-17"	Yes	4	-	24-29'	No	No	Private	37.466786	-122.20151
A-33-W	Coast Redwood	12-17"	No	4	-	24-29'	No	No	Private	37.466782	-122.20151
A-34-W	Coast Redwood	06-11"	No	4	-	24-29'	No	No	Private	37.466779	-122.2015

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
A-35-W	Coast Redwood	18-23"	Yes	5	-	24-29'	No	No	Private	37.466764	-122.20148
A-36-W	Coast Redwood	06-11"	No	4	-	24-29'	No	No	Private	37.466756	-122.20146
A-37-W	Coast Live Oak	12-17"	No	3	24-29'	-	Yes	25%	ROW	37.466783	-122.20147
A-38-W	Monterey pine	36-41"	Yes	3	-	14-18'	Yes	No	Private	37.46664	-122.20127
A-39-W	Coast Redwood	18-23"	Yes	3	-	24-29'	No	No	Private	37.46663	-122.20126
A-40-W	Monterey pine	18-23"	Yes	2	-	24-29'	No	No	Private	37.466535	-122.20111
A-41-W	Monterey pine	24-30"	Yes	3	-	19-24'	Yes	No	Private	37.466472	-122.20101
A-42-W	Coast Redwood	12-17"	Yes	4	-	24-29'	No	No	ROW	37.466451	-122.20098
A-43-W	Monterey pine	24-30"	Yes	3	-	24-29'	No	No	Private	37.466444	-122.20095
A-44-W	Monterey pine	18-23"	Yes	3	-	24-29'	No	No	Private	37.466424	-122.20092
A-45-W	Monterey pine	18-23"	Yes	3	-	19-24'	Yes	No	Private	37.466393	-122.20088
A-46-W	Bailey acacia	06-11"	No	4	-	24-29'	No	No	ROW	37.466218	-122.20061
A-47-W	Bailey acacia	06-11"	No	3	-	24-29'	No	No	ROW	37.466205	-122.2006
A-48-W	Monterey pine	12-17"	No	2	-	19-24'	Yes	No	Private	37.466124	-122.20046
A-49-W	Monterey pine	36-41"	Yes	2	-	24-29'	No	No	Private	37.466103	-122.20042
A-50-W	Monterey pine	42" or greater	Yes	4	-	19-24'	Yes	No	Private	37.466077	-122.20039
A-51-W	Coast Redwood	06-11"	No	5	-	19-24'	Yes	No	Private	37.466048	-122.20034
A-52-W	California black walnut	12-17"	Yes	4	-	19-24'	Yes	No	Private	37.465994	-122.20028
A-53-W	Monterey pine	12-17"	No	2	-	24-29'	No	No	Private	37.46597	-122.20022
A-54-W	California black walnut	06-11"	No	3	-	14-18'	Yes	No	Private	37.465898	-122.20011
A-55-W	Coast Live Oak	06-11"	No	2	-	14-18'	Yes	No	Private	37.465882	-122.20008
A-56-W	Coast Live Oak	18-23"	Yes	4	-	19-24'	Yes	No	Private	37.465859	-122.20004
A-57-W	Coast Redwood	06-11"	No	2	-	19-24'	Yes	No	Private	37.465774	-122.19999
A-58-W	Coast Redwood	06-11"	No	2	-	14-18'	Yes	No	Private	37.465753	-122.19988
A-59-W	Coast Redwood	06-11"	No	4	24-29'	-	Yes	25%	ROW	37.465748	-122.19984
A-60-W	Coast Redwood	30-35"	Yes	4	24-29'	-	Yes	25%	ROW	37.465726	-122.19979
A-61-W	Coast Redwood	18-23"	Yes	5	24-29'	-	Yes	25%	ROW	37.465694	-122.19975
A-62-W	Coast Redwood	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.465684	-122.19972
A-63-W	Coast Redwood	12-17"	No	4	24-29'	-	Yes	25%	ROW	37.465659	-122.19968
A-64-W	Coast Redwood	12-17"	No	4	24-29'	-	Yes	25%	ROW	37.465642	-122.19963
A-65-W	Coast Redwood	18-23"	Yes	5	24-29'	-	Yes	25%	ROW	37.465632	-122.19959
A-66-W	Coast Redwood	12-17"	Yes	4	24-29'	-	Yes	25%	ROW	37.465625	-122.19958

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
A-67-W	Coast Live Oak	42" or greater	Yes	4	-	04-08'	Yes	No	Private	37.465517	-122.1995
A-68-W	Glossy privet	06-11"	No	2	-	14-18'	Yes	No	Private	37.465489	-122.19945
A-69-W	Glossy privet	12-17"	No	2	-	14-18'	Yes	No	Private	37.465469	-122.19942
A-70-W	Coast Redwood	30-35"	Yes	3	-	19-24'	Yes	No	Private	37.465448	-122.19939
A-71-W	Coast Live Oak	24-30"	Yes	4	-	19-24'	Yes	No	Private	37.465423	-122.19935
A-72-W	Coast Live Oak	24-30"	Yes	4	-	14-18'	Yes	No	Private	37.46537	-122.19926
A-73-W	Coast Live Oak	18-23"	Yes	4	-	14-18'	Yes	No	Private	37.465321	-122.19919
A-74-W	Coast Live Oak	24-30"	Yes	5	-	14-18'	Yes	No	Private	37.465286	-122.19916
A-75-W	California bay	06-11"	No	3	-	24-29'	No	No	Private	37.465243	-122.1991
A-76-W	Monterey pine	24-30"	Yes	2	-	09-13'	Yes	No	Private	37.465114	-122.19887
A-77-W	Monterey pine	06-11"	No	1	-	19-24'	Yes	No	Private	37.465072	-122.19879
A-78-W	Monterey pine	06-11"	No	2	-	24-29'	No	No	Private	37.465056	-122.19877
A-79-W	Coast Live Oak	24-30"	Yes	3	24-29'	-	Yes	25%	ROW	37.465064	-122.19874
A-80-W	Monterey pine	24-30"	Yes	3	-	14-18'	Yes	No	Private	37.465028	-122.19874
A-81-W	Monterey pine	06-11"	No	2	-	14-18'	Yes	No	Private	37.465	-122.19871
A-82-W	Glossy privet	06-11"	No	3	-	24-29'	No	No	Private	37.464978	-122.19868
A-83-W	Monterey pine	24-30"	Yes	2	-	24-29'	No	No	Private	37.464942	-122.19862
A-84-W	California black walnut	06-11"	No	1	-	14-18'	Yes	No	ROW	37.464938	-122.19859
A-85-W	Valley oak	12-17"	Yes	5	-	19-24'	Yes	No	Public	37.464834	-122.19843
A-86-W	Callery pear	12-17"	No	3	-	19-24'	Yes	No	ROW	37.464682	-122.19817
A-87-W	Callery pear	12-17"	Yes	2	24-29'	-	Yes	25%	ROW	37.464717	-122.19814
A-88-W	Callery pear	12-17"	No	3	24-29'	-	Yes	25%	ROW	37.464682	-122.19809
A-89-W	Callery pear	06-11"	No	3	-	24-29'	No	No	ROW	37.464621	-122.19808
A-90-W	Callery pear	12-17"	No	3	24-29'	-	Yes	25%	ROW	37.464664	-122.19806
A-91-W	Sweetgum	12-17"	No	4	24-29'	-	Yes	25%	ROW	37.464638	-122.19801
A-92-W	Sweetgum	12-17"	No	3	24-29'	-	Yes	25%	ROW	37.464513	-122.19779
A-93-W	Valley oak	30-35"	Yes	3	-	19-24'	Yes	No	ROW	37.464117	-122.19729
A-94-W	Coast Live Oak	06-11"	No	3	-	19-24'	Yes	No	ROW	37.463379	-122.19613
A-95-W	Coast Live Oak	06-11"	No	4	-	19-24'	Yes	No	ROW	37.463321	-122.19603
A-96-W	Coast Live Oak	06-11"	No	4	-	19-24'	Yes	No	Public	37.463236	-122.19591
A-97-W	Coast Live Oak	06-11"	No	3	-	14-18'	Yes	No	ROW	37.463127	-122.19575
A-98-W	Glossy privet	12-17"	No	3	-	19-24'	Yes	No	Public	37.463082	-122.19569

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
A-99-W	Glossy privet	18-23"	Yes	3	-	19-24'	Yes	No	ROW	37.463065	-122.19564
A-100-W	Glossy privet	18-23"	Yes	3	-	19-24'	Yes	No	ROW	37.462996	-122.19553
A-101-W	Glossy privet	12-17"	No	2	-	24-29'	No	No	ROW	37.462916	-122.1954
A-102-W	Glossy privet	12-17"	No	2	-	19-24'	Yes	No	ROW	37.462876	-122.19534
A-103-W	Glossy privet	18-23"	Yes	2	-	19-24'	Yes	No	ROW	37.462839	-122.19527
A-104-W	Glossy privet	12-17"	Yes	2	-	24-29'	No	No	ROW	37.462818	-122.19524
A-105-W	Glossy privet	12-17"	Yes	1	-	19-24'	Yes	No	ROW	37.462789	-122.19521
A-106-W	Glossy privet	12-17"	Yes	3	-	24-29'	No	No	ROW	37.462765	-122.19518
A-107-W	Glossy privet	12-17"	Yes	2	-	24-29'	No	No	ROW	37.462713	-122.1951
A-108-W	Coast Live Oak	06-11"	No	2	-	19-24'	Yes	No	ROW	37.462726	-122.19507
A-109-W	Glossy privet	12-17"	Yes	2	-	19-24'	Yes	No	ROW	37.462679	-122.19503
A-110-W	Glossy privet	18-23"	Yes	3	-	24-29'	No	No	ROW	37.462591	-122.1949
A-111-W	Glossy privet	18-23"	Yes	2	-	24-29'	No	No	ROW	37.462571	-122.19487
A-112-W	Idaho locust	06-11"	Yes	3	-	24-29'	No	No	ROW	37.462518	-122.19479
A-113-W	Glossy privet	12-17"	No	3	-	24-29'	No	No	ROW	37.46248	-122.19474
A-114-W	Valley oak	06-11"	No	3	-	19-24'	Yes	No	ROW	37.462428	-122.19465
A-115-W	Siberian elm	06-11"	No	3	-	24-29'	No	No	ROW	37.462359	-122.19453
A-116-W	Coast Live Oak	06-11"	No	3	-	24-29'	No	No	ROW	37.462205	-122.19429
B-1-E	Blackwood acacia	18-23"	Yes	2	24-29'	-	Yes	25%	ROW	37.587824	-122.36297
B-2-E	Blackwood acacia	24-30"	Yes	1	24-29'	-	Yes	25%	ROW	37.587803	-122.36292
B-3-E	Silver dollar gum	42" or greater	Yes	3	-	14-18'	Yes	No	ROW	37.587099	-122.36119
B-4-E	Blackwood acacia	12-17"	Yes	4	-	19-24'	Yes	No	Public	37.585898	-122.35832
B-5-E	Blue gum	42" or greater	Yes	4	24-29'	-	Yes	25%	ROW	37.584935	-122.35611
B-6-E	Blue gum	12-17"	Yes	4	-	24-29'	No	No	ROW	37.583865	-122.35346
B-7-E	Blue gum	12-17"	No	3	-	24-29'	No	No	ROW	37.582579	-122.35045
B-8-E	Blue gum	30-35"	Yes	4	-	14-18'	Yes	No	ROW	37.582569	-122.35042
B-9-E	Blue gum	30-35"	Yes	4	-	24-29'	No	No	ROW	37.582479	-122.35008
B-10-E	Blue gum	24-30"	Yes	2	-	24-29'	No	No	ROW	37.582388	-122.34991
B-11-E	Blue gum	36-41"	Yes	3	-	24-29'	No	No	ROW	37.582209	-122.34942
B-12-E	Blue gum	30-35"	Yes	3	-	24-29'	No	No	ROW	37.581947	-122.3488
B-13-E	Blue gum	24-30"	Yes	3	-	24-29'	No	No	ROW	37.581835	-122.34855

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
B-14-E	Coast Redwood	42" or greater	Yes	4	-	24-29'	No	No	Public	37.581525	-122.34776
B-15-E	Coast Redwood	36-41"	Yes	5	-	24-29'	No	No	Public	37.581508	-122.34772
B-16-E	Coast Redwood	36-41"	Yes	4	-	24-29'	No	No	Public	37.581493	-122.34768
B-17-E	Coast Redwood	30-35"	Yes	4	-	24-29'	No	No	Public	37.581411	-122.34749
B-18-E	Coast Live Oak	18-23"	Yes	4	-	19-24'	Yes	No	Public	37.581397	-122.34746
B-19-E	Coast Redwood	42" or greater	Yes	4	-	19-24'	Yes	No	Public	37.581357	-122.34734
B-20-E	Coast Live Oak	24-30"	Yes	4	-	19-24'	Yes	No	Public	37.581317	-122.34726
B-21-E	Coast Redwood	42" or greater	Yes	5	24-29'	-	Yes	25%	Public	37.58129	-122.34722
B-22-E	Coast Redwood	24-30"	Yes	4	24-29'	-	Yes	25%	Public	37.58124	-122.3471
B-23-E	Coast Live Oak	18-23"	Yes	3	24-29'	-	Yes	25%	Public	37.581208	-122.34702
B-24-E	Coast Live Oak	12-17"	No	4	24-29'	-	Yes	25%	ROW	37.581175	-122.34697
B-25-E	Coast Live Oak	06-11"	No	3	24-29'	-	Yes	25%	Public	37.581162	-122.34691
B-26-E	Coast Live Oak	06-11"	No	4	24-29'	-	Yes	25%	Public	37.581137	-122.34686
B-27-E	Coast Redwood	24-30"	Yes	3	24-29'	-	Yes	25%	Public	37.581121	-122.34682
B-28-E	Juniper sp.	12-17"	No	2	24-29'	-	Yes	25%	Public	37.581106	-122.34678
B-29-E	Coast Live Oak	18-23"	Yes	4	19-24'	-	Yes	Yes	ROW	37.581086	-122.34677
B-30-E	Coast Redwood	42" or greater	Yes	3	24-29'	-	Yes	25%	Public	37.581069	-122.34669
B-31-E	Tawhiwhi	06-11"	No	3	-	24-29'	No	No	Public	37.581059	-122.34664
B-32-E	Coast Redwood	42" or greater	Yes	3	24-29'	-	Yes	25%	Public	37.581007	-122.34655
B-33-E	Tarata	12-17"	No	3	24-29'	-	Yes	25%	Public	37.580961	-122.34643
B-34-E	Coast Redwood	30-35"	Yes	4	24-29'	-	Yes	25%	Public	37.580942	-122.34639
B-35-E	Blackwood acacia	18-23"	Yes	3	19-24'	-	Yes	Yes	Public	37.580914	-122.34634
B-36-E	Blackwood acacia	12-17"	No	3	19-24'	-	Yes	Yes	ROW	37.580903	-122.34633
B-37-E	Blackwood acacia	12-17"	No	2	19-24'	-	Yes	Yes	ROW	37.580889	-122.3463
B-38-E	Coast Redwood	12-17"	Yes	3	-	19-24'	Yes	No	Public	37.580891	-122.34624
B-39-E	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	Public	37.580859	-122.34619
B-40-E	Blue gum	24-30"	Yes	2	19-24'	-	Yes	Yes	ROW	37.580816	-122.34612
B-41-E	Coast Redwood	30-35"	Yes	4	24-29'	-	Yes	25%	Public	37.580803	-122.34606
B-42-E	Blackwood acacia	18-23"	Yes	3	24-29'	-	Yes	25%	Public	37.580776	-122.346

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
B-43-E	Coast Redwood	12-17"	Yes	4	24-29'	-	Yes	25%	Public	37.580746	-122.34593
B-44-E	Coast Live Oak	06-11"	No	5	-	19-24'	Yes	No	Public	37.58073	-122.34586
B-45-E	Coast Redwood	06-11"	No	3	24-29'	-	Yes	25%	Public	37.580701	-122.34581
B-46-E	Coast Redwood	18-23"	Yes	4	-	19-24'	Yes	No	Public	37.580675	-122.34573
B-47-E	Coast Live Oak	12-17"	No	4	-	14-18'	Yes	No	Public	37.580657	-122.34568
B-48-E	Coast Redwood	24-30"	Yes	2	-	19-24'	Yes	No	Public	37.58063	-122.34563
B-49-E	Blackwood acacia	12-17"	No	2	-	24-29'	No	No	ROW	37.580575	-122.34554
B-1-W	Evergreen pear	06-11"	No	3	19-24'	-	Yes	Yes	ROW	37.587478	-122.36256
B-2-W	Evergreen pear	06-11"	No	3	19-24'	-	Yes	Yes	ROW	37.587443	-122.36249
B-3-W	Evergreen pear	06-11"	No	2	19-24'	-	Yes	Yes	ROW	37.587387	-122.36237
B-4-W	Evergreen pear	06-11"	No	2	19-24'	-	Yes	Yes	ROW	37.587333	-122.36225
B-5-W	Evergreen pear	06-11"	No	3	19-24'	-	Yes	Yes	ROW	37.587239	-122.36202
B-6-W	Evergreen pear	06-11"	No	3	19-24'	-	Yes	Yes	ROW	37.587187	-122.3619
B-7-W	Evergreen pear	06-11"	No	2	19-24'	-	Yes	Yes	ROW	37.58715	-122.36182
B-8-W	Evergreen pear	06-11"	No	3	19-24'	-	Yes	Yes	ROW	37.586995	-122.36147
B-9-W	Evergreen pear	06-11"	No	2	19-24'	-	Yes	Yes	ROW	37.58684	-122.3611
B-10-W	Evergreen pear	06-11"	No	3	19-24'	-	Yes	Yes	ROW	37.586739	-122.36084
B-11-W	Evergreen pear	06-11"	No	3	19-24'	-	Yes	Yes	ROW	37.586519	-122.36033
B-12-W	Evergreen pear	06-11"	No	3	19-24'	-	Yes	Yes	ROW	37.586467	-122.3602
B-13-W	Coast Live Oak	24-30"	Yes	5	19-24'	-	Yes	Yes	Public	37.586347	-122.35994
B-14-W	Coast Live Oak	06-11"	No	3	19-24'	-	Yes	Yes	Public	37.586315	-122.35987
B-15-W	Bailey acacia	06-11"	No	2	19-24'	-	Yes	Yes	Public	37.586296	-122.35983
B-16-W	Bailey acacia	06-11"	No	3	19-24'	-	Yes	Yes	Public	37.58629	-122.35981
B-17-W	Bailey acacia	12-17"	Yes	3	19-24'	-	Yes	Yes	Public	37.586262	-122.35976
B-18-W	Coast Live Oak	30-35"	Yes	4	24-29'	-	Yes	25%	Public	37.586231	-122.3597
B-19-W	Bailey acacia	06-11"	No	3	24-29'	-	Yes	25%	Public	37.586165	-122.35953
B-20-W	Blackwood acacia	06-11"	No	4	14-18'	-	Yes	Yes	ROW	37.586077	-122.35929
B-21-W	Bailey acacia	12-17"	No	3	-	24-29'	No	No	Public	37.586058	-122.35932
B-22-W	Blackwood acacia	12-17"	No	3	14-18'	-	Yes	Yes	ROW	37.586065	-122.35927
B-23-W	Blackwood acacia	06-11"	No	3	14-18'	-	Yes	Yes	ROW	37.586054	-122.35926
B-24-W	Bailey acacia	12-17"	No	3	24-29'	-	Yes	25%	Public	37.58603	-122.35922
B-25-W	Bailey acacia	06-11"	No	2	24-29'	-	Yes	25%	ROW	37.586021	-122.3592

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
B-26-W	Bailey acacia	12-17"	Yes	2	24-29'	-	Yes	25%	Public	37.586015	-122.35918
B-27-W	Bailey acacia	06-11"	No	3	19-24'	-	Yes	Yes	Public	37.586011	-122.35917
B-28-W	Coast Live Oak	06-11"	No	3	24-29'	-	Yes	25%	Public	37.586	-122.35915
B-29-W	Bailey acacia	12-17"	No	2	24-29'	-	Yes	25%	Public	37.585979	-122.35911
B-30-W	Bailey acacia	06-11"	No	2	24-29'	-	Yes	25%	Public	37.585972	-122.35909
B-31-W	Bailey acacia	06-11"	No	2	19-24'	-	Yes	Yes	Public	37.58597	-122.35905
B-32-W	Bailey acacia	06-11"	No	2	24-29'	-	Yes	25%	Public	37.58595	-122.35904
B-33-W	Bailey acacia	12-17"	No	3	24-29'	-	Yes	25%	Public	37.585936	-122.35903
B-34-W	Bailey acacia	12-17"	Yes	3	24-29'	-	Yes	25%	Public	37.585935	-122.35898
B-35-W	Bailey acacia	12-17"	No	3	24-29'	-	Yes	25%	Public	37.58593	-122.35897
B-36-W	Bailey acacia	12-17"	Yes	3	24-29'	-	Yes	25%	Public	37.585889	-122.35889
B-37-W	Coast Redwood	06-11"	No	5	14-18'	-	Yes	Yes	Public	37.585883	-122.35888
B-38-W	Coast Live Oak	18-23"	Yes	4	24-29'	-	Yes	25%	Public	37.585836	-122.35875
B-39-W	Blackwood acacia	12-17"	No	3	24-29'	-	Yes	25%	Public	37.585817	-122.35871
B-40-W	Blackwood acacia	12-17"	No	2	24-29'	-	Yes	25%	Public	37.585767	-122.35859
B-41-W	Blackwood acacia	12-17"	Yes	2	24-29'	-	Yes	25%	Public	37.585744	-122.35855
B-42-W	Blackwood acacia	12-17"	Yes	2	14-18'	-	Yes	Yes	Public	37.58575	-122.35852
B-43-W	Blackwood acacia	06-11"	No	3	19-24'	-	Yes	Yes	Public	37.585733	-122.35847
B-44-W	Blackwood acacia	06-11"	No	2	19-24'	-	Yes	Yes	Public	37.585719	-122.35846
B-45-W	Blackwood acacia	12-17"	No	3	24-29'	-	Yes	25%	Public	37.585715	-122.35844
B-46-W	Bailey acacia	18-23"	Yes	1	-	24-29'	No	No	Public	37.585648	-122.35849
B-47-W	Coast Live Oak	12-17"	Yes	4	14-18'	-	Yes	Yes	Public	37.585699	-122.35836
B-48-W	Coast Live Oak	18-23"	Yes	4	14-18'	-	Yes	Yes	Public	37.585676	-122.3583
B-49-W	Bailey acacia	18-23"	Yes	5	24-29'	-	Yes	25%	Public	37.585627	-122.35827
B-50-W	Coast Live Oak	24-30"	Yes	4	19-24'	-	Yes	Yes	Public	37.585607	-122.35816
B-51-W	Coast Live Oak	12-17"	No	3	19-24'	-	Yes	Yes	Public	37.585582	-122.3581
B-52-W	Bailey acacia	06-11"	No	2	19-24'	-	Yes	Yes	Public	37.585542	-122.358
B-53-W	Bailey acacia	06-11"	No	3	24-29'	-	Yes	25%	Public	37.585523	-122.358
B-54-W	Bailey acacia	06-11"	No	2	24-29'	-	Yes	25%	Public	37.585513	-122.35798
B-55-W	Bailey acacia	06-11"	No	3	24-29'	-	Yes	25%	Public	37.585495	-122.35793
B-56-W	Bailey acacia	12-17"	No	3	24-29'	-	Yes	25%	Public	37.585472	-122.35788
B-57-W	Bailey acacia	12-17"	No	3	24-29'	-	Yes	25%	Public	37.58546	-122.35783

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
B-58-W	Bailey acacia	12-17"	No	3	24-29'	-	Yes	25%	Public	37.585449	-122.35782
B-59-W	Bailey acacia	18-23"	Yes	3	24-29'	-	Yes	25%	Public	37.585425	-122.35778
B-60-W	Coast Live Oak	06-11"	No	4	24-29'	-	Yes	25%	Public	37.58542	-122.35772
B-61-W	Bailey acacia	12-17"	No	3	24-29'	-	Yes	25%	Public	37.585384	-122.35768
B-62-W	Coast Live Oak	06-11"	No	4	24-29'	-	Yes	25%	Public	37.585359	-122.35762
B-63-W	Bailey acacia	06-11"	No	3	24-29'	-	Yes	25%	Public	37.585376	-122.35763
B-64-W	Coast Live Oak	06-11"	No	4	24-29'	-	Yes	25%	Public	37.585307	-122.35746
B-65-W	Coast Live Oak	18-23"	Yes	4	24-29'	-	Yes	25%	Public	37.585277	-122.35738
B-66-W	Bailey acacia	12-17"	No	3	24-29'	-	Yes	25%	Public	37.585238	-122.35734
B-67-W	Coast Live Oak	18-23"	Yes	4	24-29'	-	Yes	25%	Public	37.58525	-122.35731
B-68-W	Coast Live Oak	06-11"	No	4	24-29'	-	Yes	25%	Public	37.58521	-122.35724
B-69-W	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	Public	37.585183	-122.35712
B-70-W	Coast Live Oak	12-17"	No	4	24-29'	-	Yes	25%	Public	37.585169	-122.35713
B-71-W	Coast Live Oak	42" or greater	Yes	3	24-29'	-	Yes	25%	Public	37.585144	-122.35708
B-72-W	Bailey acacia	18-23"	Yes	2	-	19-24'	Yes	No	Public	37.585072	-122.35702
B-73-W	Coast Live Oak	12-17"	No	3	24-29'	-	Yes	25%	Public	37.585087	-122.35697
B-74-W	Coast Live Oak	18-23"	Yes	3	-	19-24'	Yes	No	Public	37.584989	-122.35679
B-75-W	Coast Live Oak	42" or greater	Yes	4	24-29'	-	Yes	25%	Public	37.584999	-122.35677
B-76-W	Coast Redwood	36-41"	Yes	5	-	14-18'	Yes	No	Public	37.58487	-122.35654
B-77-W	Coast Live Oak	24-30"	Yes	5	-	19-24'	Yes	No	Public	37.584816	-122.35641
B-78-W	Coast Live Oak	24-30"	No	2	24-29'	-	Yes	25%	Public	37.58483	-122.35633
B-79-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	Public	37.584646	-122.35603
B-80-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	Public	37.584612	-122.35594
B-81-W	Blue gum	42" or greater	Yes	4	-	19-24'	Yes	No	Public	37.5846	-122.35585
B-82-W	Blue gum	42" or greater	Yes	4	-	19-24'	Yes	No	Public	37.584557	-122.35581
B-83-W	Blue gum	36-41"	Yes	2	-	19-24'	Yes	No	Public	37.58457	-122.35578
B-84-W	Blue gum	24-30"	Yes	1	-	19-24'	Yes	No	Public	37.584469	-122.35557

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
B-85-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	Public	37.584461	-122.35557
B-86-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	Public	37.584432	-122.35547
B-87-W	Blue gum	42" or greater	Yes	1	-	24-29'	No	No	Public	37.584415	-122.35545
B-88-W	Blue gum	42" or greater	Yes	2	-	24-29'	No	No	Public	37.584407	-122.35543
B-89-W	Blue gum	42" or greater	Yes	4	-	24-29'	No	No	Public	37.584356	-122.35529
B-90-W	Blue gum	42" or greater	Yes	2	-	24-29'	No	No	Public	37.58431	-122.35518
B-91-W	Blue gum	36-41"	Yes	2	-	24-29'	No	No	Public	37.58425	-122.35503
B-92-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	Public	37.584232	-122.35504
B-93-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	Public	37.584218	-122.35494
B-94-W	Blue gum	36-41"	Yes	3	-	24-29'	No	No	Public	37.584188	-122.35489
B-95-W	Blue gum	36-41"	Yes	3	-	24-29'	No	No	Public	37.584178	-122.35486
B-96-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	Public	37.584162	-122.35482
B-97-W	Blue gum	06-11"	No	2	-	24-29'	No	No	Public	37.584144	-122.35478
B-98-W	Blue gum	18-23"	Yes	2	-	24-29'	No	No	Public	37.584139	-122.35477
B-99-W	Blue gum	12-17"	Yes	2	-	24-29'	No	No	Public	37.584122	-122.35475
B-100-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	Public	37.584086	-122.35465
B-101-W	Blue gum	30-35"	Yes	3	-	24-29'	No	No	Public	37.584053	-122.35456
B-102-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	Public	37.584041	-122.35453
B-103-W	Blue gum	42" or greater	Yes	2	-	24-29'	No	No	Public	37.583995	-122.35442
B-104-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	Public	37.583949	-122.3543
B-105-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	Public	37.583854	-122.35408

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
B-106-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	Public	37.58376	-122.35386
B-107-W	Blue gum	30-35"	Yes	3	-	24-29'	No	No	Public	37.583693	-122.35372
B-108-W	Blue gum	36-41"	Yes	3	-	24-29'	No	No	Public	37.583673	-122.35367
B-109-W	Blue gum	36-41"	Yes	2	-	24-29'	No	No	Public	37.583657	-122.35364
B-110-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	Public	37.583644	-122.35362
B-111-W	Blue gum	36-41"	Yes	3	-	24-29'	No	No	Public	37.583631	-122.35357
B-112-W	Blue gum	36-41"	Yes	3	-	24-29'	No	No	Public	37.583599	-122.35349
B-113-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	Public	37.583556	-122.3534
B-114-W	Blue gum	36-41"	Yes	1	-	24-29'	No	No	Public	37.58349	-122.35323
B-115-W	Blue gum	42" or greater	Yes	2	-	24-29'	No	No	Public	37.583473	-122.35319
B-116-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	Public	37.583462	-122.35316
B-117-W	Blue gum	42" or greater	Yes	4	-	24-29'	No	No	Public	37.583419	-122.35312
B-118-W	Blue gum	06-11"	No	4	-	24-29'	No	No	Public	37.583393	-122.35298
B-119-W	Blue gum	30-35"	Yes	3	-	24-29'	No	No	ROW	37.583377	-122.35294
B-120-W	Blue gum	30-35"	Yes	3	-	24-29'	No	No	Public	37.583361	-122.35293
B-121-W	Blue gum	24-30"	Yes	3	-	24-29'	No	No	Public	37.583349	-122.35291
B-122-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	Public	37.583337	-122.35286
B-123-W	Blue gum	36-41"	Yes	2	-	24-29'	No	No	Public	37.583318	-122.35284
B-124-W	Blue gum	42" or greater	Yes	2	-	24-29'	No	No	Public	37.583284	-122.35276
B-125-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	Public	37.583269	-122.3527
B-126-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	Public	37.583206	-122.35256
B-127-W	Blue gum	24-30"	Yes	3	-	24-29'	No	No	Public	37.583189	-122.35251
B-128-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	Public	37.583157	-122.35242
B-129-W	Blue gum	12-17"	No	3	-	24-29'	No	No	Public	37.583139	-122.35239

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
B-130-W	Blue gum	12-17"	Yes	1	-	24-29'	No	No	Public	37.583104	-122.35229
B-131-W	Blue gum	36-41"	Yes	1	-	24-29'	No	No	Public	37.583094	-122.35227
B-132-W	Blue gum	12-17"	No	2	-	24-29'	No	No	Public	37.583072	-122.35227
B-133-W	Blue gum	36-41"	Yes	2	-	24-29'	No	No	Public	37.583073	-122.35222
B-134-W	Blue gum	36-41"	Yes	2	-	24-29'	No	No	Public	37.583027	-122.35212
B-135-W	Blue gum	42" or greater	Yes	2	-	24-29'	No	No	Public	37.583013	-122.3521
B-136-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	Public	37.582999	-122.35208
B-137-W	Blue gum	30-35"	Yes	3	-	24-29'	No	No	Public	37.58297	-122.35198
B-138-W	Blue gum	24-30"	Yes	1	-	24-29'	No	No	Public	37.582954	-122.35194
B-139-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	Public	37.582946	-122.35192
B-140-W	Blue gum	24-30"	Yes	2	-	24-29'	No	No	Public	37.582932	-122.35188
B-141-W	Blue gum	36-41"	Yes	3	-	24-29'	No	No	Public	37.582917	-122.35184
B-142-W	Blue gum	30-35"	Yes	2	-	24-29'	No	No	Public	37.582897	-122.35182
B-143-W	Blue gum	24-30"	Yes	2	-	24-29'	No	No	Public	37.582872	-122.35174
B-144-W	Blue gum	42" or greater	Yes	2	-	24-29'	No	No	Public	37.582853	-122.3517
B-145-W	Blue gum	30-35"	Yes	1	-	24-29'	No	No	Public	37.582833	-122.35166
B-146-W	Blue gum	36-41"	Yes	2	-	24-29'	No	No	Public	37.58282	-122.35163
B-147-W	Blue gum	36-41"	Yes	2	-	24-29'	No	No	Public	37.582808	-122.35161
B-148-W	Blue gum	12-17"	No	3	-	24-29'	No	No	Public	37.582796	-122.35157
B-149-W	Blue gum	36-41"	Yes	3	-	24-29'	No	No	Public	37.582789	-122.35156
B-150-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	Public	37.582774	-122.35152
B-151-W	Blue gum	30-35"	Yes	2	-	24-29'	No	No	Public	37.582732	-122.35141
B-152-W	Blue gum	30-35"	Yes	2	-	24-29'	No	No	Public	37.582708	-122.35135
B-153-W	Blue gum	12-17"	No	3	-	24-29'	No	No	Public	37.582669	-122.35128
B-154-W	Blue gum	18-23"	No	3	-	24-29'	No	No	Public	37.582657	-122.35125
B-155-W	Blue gum	30-35"	No	2	-	24-29'	No	No	Public	37.582651	-122.35123
B-156-W	Blue gum	36-41"	No	2	-	24-29'	No	No	Public	37.582619	-122.35116
B-157-W	Blackwood acacia	06-11"	No	2	24-29'	-	Yes	25%	ROW	37.582401	-122.35054
B-158-W	Blue gum	24-30"	Yes	4	24-29'	-	Yes	25%	ROW	37.582369	-122.35045

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
B-159-W	Blue gum	12-17"	Yes	2	-	24-29'	No	No	Public	37.582297	-122.35037
B-160-W	Blue gum	24-30"	Yes	2	-	19-24'	Yes	No	Public	37.58228	-122.35034
B-161-W	Blue gum	36-41"	Yes	3	-	19-24'	Yes	No	Public	37.582265	-122.35031
B-162-W	Blue gum	30-35"	Yes	3	-	19-24'	Yes	No	Public	37.582246	-122.35025
B-163-W	Blue gum	36-41"	Yes	3	-	24-29'	No	No	Public	37.582238	-122.35023
B-164-W	Blue gum	24-30"	Yes	2	-	24-29'	No	No	Public	37.58223	-122.35021
B-165-W	Blue gum	30-35"	Yes	1	-	19-24'	Yes	No	Public	37.582221	-122.35019
B-166-W	Blue gum	36-41"	Yes	2	-	24-29'	No	No	Public	37.582202	-122.35015
B-167-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	Public	37.582182	-122.3501
B-168-W	Blue gum	36-41"	Yes	2	-	24-29'	No	No	Public	37.582172	-122.35008
B-169-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	Public	37.582169	-122.35006
B-170-W	Blue gum	30-35"	Yes	2	-	24-29'	No	No	Public	37.582144	-122.35001
B-171-W	Blue gum	42" or greater	Yes	3	-	19-24'	Yes	No	Public	37.582136	-122.34999
B-172-W	Blue gum	12-17"	No	3	-	24-29'	No	No	Public	37.582117	-122.34997
B-173-W	Blue gum	42" or greater	No	3	-	19-24'	Yes	No	Public	37.582111	-122.34995
B-174-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	Public	37.582108	-122.34993
B-175-W	Blue gum	12-17"	Yes	1	-	24-29'	No	No	Public	37.582088	-122.3499
B-176-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	Public	37.582059	-122.3498
B-177-W	Blue gum	24-30"	Yes	1	-	19-24'	Yes	No	Public	37.582042	-122.34976
B-178-W	Blue gum	42" or greater	Yes	2	-	24-29'	No	No	Public	37.582031	-122.34973
B-179-W	Blue gum	42" or greater	Yes	2	-	19-24'	Yes	No	Public	37.58202	-122.3497
B-180-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	Public	37.582	-122.34966
B-181-W	Blue gum	42" or greater	Yes	2	-	24-29'	No	No	Public	37.581988	-122.34964
B-182-W	Blue gum	06-11"	Yes	2	-	24-29'	No	No	Public	37.581975	-122.34963

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
B-183-W	Blue gum	42" or greater	Yes	2	-	24-29'	No	No	Public	37.581968	-122.34962
B-184-W	Blue gum	18-23"	Yes	1	-	24-29'	No	No	Public	37.581978	-122.3496
B-185-W	Blue gum	24-30"	Yes	1	-	19-24'	Yes	No	Public	37.581944	-122.34952
B-186-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	Public	37.581939	-122.34951
B-187-W	Blue gum	42" or greater	Yes	3	-	19-24'	Yes	No	Public	37.581905	-122.34943
B-188-W	Blue gum	18-23"	Yes	1	-	19-24'	Yes	No	Public	37.581897	-122.34941
B-189-W	Blue gum	18-23"	Yes	1	-	24-29'	No	No	Public	37.58186	-122.34934
B-190-W	Blue gum	36-41"	Yes	1	-	24-29'	No	No	Public	37.581839	-122.34929
B-191-W	Blue gum	36-41"	Yes	3	-	24-29'	No	No	Public	37.58183	-122.34926
B-192-W	Blue gum	36-41"	Yes	2	-	24-29'	No	No	Public	37.581811	-122.34922
B-193-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	Public	37.581793	-122.34918
B-194-W	Blue gum	30-35"	Yes	3	-	24-29'	No	No	Public	37.581784	-122.34916
B-195-W	Blue gum	30-35"	Yes	3	-	24-29'	No	No	ROW	37.581757	-122.34908
B-196-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	ROW	37.581751	-122.34906
B-197-W	Blue gum	36-41"	Yes	3	-	24-29'	No	No	ROW	37.58173	-122.34901
B-198-W	Blue gum	30-35"	Yes	2	-	24-29'	No	No	ROW	37.581722	-122.34899
B-199-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	ROW	37.58171	-122.34896
B-200-W	Blue gum	24-30"	Yes	2	-	19-24'	Yes	No	ROW	37.581698	-122.34895
B-201-W	Blue gum	36-41"	Yes	1	-	24-29'	No	No	ROW	37.581687	-122.34892
B-202-W	Blue gum	36-41"	Yes	1	-	24-29'	No	No	ROW	37.581677	-122.3489
B-203-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	ROW	37.581661	-122.34886
B-204-W	Blue gum	18-23"	Yes	1	-	24-29'	No	No	ROW	37.581648	-122.34884
B-205-W	Blue gum	36-41"	Yes	3	-	19-24'	Yes	No	ROW	37.581632	-122.34879
B-206-W	Blue gum	36-41"	Yes	2	-	24-29'	No	No	ROW	37.581616	-122.34876
B-207-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	ROW	37.581562	-122.34863
B-208-W	Blue gum	18-23"	Yes	1	-	24-29'	No	No	ROW	37.581535	-122.34857

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
B-209-W	Blue gum	30-35"	Yes	2	-	19-24'	Yes	No	ROW	37.581527	-122.34854
B-210-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	ROW	37.581514	-122.34851
B-211-W	Blue gum	30-35"	Yes	2	-	24-29'	No	No	ROW	37.58149	-122.34846
B-212-W	Blue gum	24-30"	Yes	2	-	24-29'	No	No	ROW	37.581468	-122.3484
B-213-W	Blue gum	24-30"	Yes	1	-	24-29'	No	No	ROW	37.58146	-122.34838
B-214-W	Blue gum	42" or greater	Yes	1	-	24-29'	No	No	ROW	37.581438	-122.34833
B-215-W	Blue gum	30-35"	Yes	2	-	24-29'	No	No	ROW	37.581421	-122.3483
B-216-W	Blue gum	30-35"	Yes	2	-	24-29'	No	No	ROW	37.581408	-122.34827
B-217-W	Blue gum	36-41"	Yes	3	-	24-29'	No	No	ROW	37.581396	-122.34824
B-218-W	Blue gum	24-30"	Yes	1	-	24-29'	No	No	ROW	37.581386	-122.34821
B-219-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	ROW	37.581367	-122.34817
B-220-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	ROW	37.581355	-122.34813
B-221-W	Blue gum	18-23"	Yes	2	-	24-29'	No	No	ROW	37.581343	-122.34809
B-222-W	Blue gum	42" or greater	Yes	2	-	24-29'	No	No	ROW	37.581332	-122.34808
B-223-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	ROW	37.581323	-122.34805
B-224-W	Blue gum	30-35"	Yes	1	-	24-29'	No	No	ROW	37.581312	-122.34803
B-225-W	Blue gum	30-35"	Yes	2	-	24-29'	No	No	ROW	37.5813	-122.34801
B-226-W	Blue gum	42" or greater	Yes	2	-	24-29'	No	No	ROW	37.581288	-122.34797
B-227-W	Blue gum	36-41"	Yes	2	-	24-29'	No	No	ROW	37.581273	-122.34795
B-228-W	Blue gum	36-41"	Yes	2	-	24-29'	No	No	ROW	37.581263	-122.34791
B-229-W	Blue gum	24-30"	Yes	2	-	24-29'	No	No	ROW	37.581239	-122.34786
B-230-W	Blue gum	30-35"	Yes	3	-	24-29'	No	No	ROW	37.58122	-122.34781
B-231-W	Blue gum	30-35"	Yes	1	-	24-29'	No	No	ROW	37.581207	-122.34778
B-232-W	Blue gum	24-30"	Yes	2	-	24-29'	No	No	ROW	37.581192	-122.34776
B-233-W	Blue gum	30-35"	Yes	2	-	24-29'	No	No	ROW	37.581182	-122.34772
B-234-W	Blue gum	24-30"	Yes	1	-	24-29'	No	No	ROW	37.581166	-122.34769

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
B-235-W	Blue gum	42" or greater	Yes	2	-	24-29'	No	No	ROW	37.581148	-122.34765
B-236-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	ROW	37.581128	-122.3476
B-237-W	Blue gum	18-23"	Yes	1	-	24-29'	No	No	ROW	37.581113	-122.34756
B-238-W	Blue gum	30-35"	Yes	2	-	19-24'	Yes	No	ROW	37.581096	-122.34752
B-239-W	Blue gum	42" or greater	Yes	4	-	24-29'	No	No	ROW	37.581078	-122.34747
B-240-W	Blue gum	36-41"	Yes	1	-	19-24'	Yes	No	ROW	37.581048	-122.34748
B-241-W	Blue gum	30-35"	Yes	3	-	19-24'	Yes	No	ROW	37.581057	-122.34743
B-242-W	Blue gum	36-41"	Yes	3	-	24-29'	No	No	ROW	37.581044	-122.3474
B-243-W	Blue gum	36-41"	Yes	3	-	24-29'	No	No	ROW	37.581025	-122.34736
B-244-W	Blue gum	36-41"	Yes	1	-	19-24'	Yes	No	ROW	37.580997	-122.34728
B-245-W	Blue gum	30-35"	Yes	2	-	24-29'	No	No	ROW	37.580981	-122.34724
B-246-W	Blue gum	30-35"	Yes	2	-	24-29'	No	No	ROW	37.58096	-122.3472
B-247-W	Blue gum	42" or greater	Yes	2	-	24-29'	No	No	ROW	37.580949	-122.34717
B-248-W	Blue gum	42" or greater	Yes	3	-	19-24'	Yes	No	ROW	37.58093	-122.34713
B-249-W	Blue gum	30-35"	Yes	2	-	24-29'	No	No	ROW	37.580917	-122.34709
B-250-W	Blue gum	36-41"	Yes	2	-	24-29'	No	No	ROW	37.580904	-122.34706
B-251-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	ROW	37.580877	-122.347
B-252-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	ROW	37.580861	-122.34696
B-253-W	Blue gum	30-35"	Yes	3	-	24-29'	No	No	ROW	37.580846	-122.34693
B-254-W	Blue gum	42" or greater	Yes	3	-	19-24'	Yes	No	ROW	37.580835	-122.3469
B-255-W	Blue gum	30-35"	Yes	2	-	24-29'	No	No	ROW	37.580815	-122.34684
B-256-W	Blue gum	42" or greater	Yes	2	-	19-24'	Yes	No	ROW	37.5808	-122.3468
B-257-W	Blue gum	30-35"	Yes	2	-	19-24'	Yes	No	ROW	37.580777	-122.34675
B-258-W	Blue gum	42" or greater	Yes	2	-	24-29'	No	No	ROW	37.58074	-122.34678
B-259-W	Blue gum	24-30"	Yes	1	-	24-29'	No	No	ROW	37.58069	-122.34668

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
B-260-W	Blue gum	30-35"	Yes	2	-	24-29'	No	No	ROW	37.580711	-122.34659
B-261-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	ROW	37.580678	-122.34651
B-262-W	Blue gum	12-17"	Yes	2	-	24-29'	No	No	ROW	37.580657	-122.34647
B-263-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	ROW	37.580643	-122.34645
B-264-W	Blue gum	30-35"	Yes	3	-	24-29'	No	No	ROW	37.580633	-122.34643
B-265-W	Blue gum	42" or greater	Yes	2	-	24-29'	No	No	ROW	37.580621	-122.34641
B-266-W	Blue gum	12-17"	Yes	1	-	24-29'	No	No	ROW	37.58062	-122.34638
B-267-W	Blue gum	42" or greater	Yes	2	-	24-29'	No	No	ROW	37.580578	-122.34639
B-268-W	Blue gum	36-41"	Yes	1	-	24-29'	No	No	ROW	37.580608	-122.34634
B-269-W	Blue gum	18-23"	Yes	1	-	24-29'	No	No	ROW	37.580583	-122.34629
B-270-W	Blue gum	18-23"	Yes	1	-	24-29'	No	No	ROW	37.580568	-122.34626
B-271-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	ROW	37.58055	-122.34622
B-272-W	Blue gum	30-35"	Yes	2	-	19-24'	Yes	No	ROW	37.580535	-122.34619
B-273-W	Blue gum	30-35"	Yes	3	-	24-29'	No	No	ROW	37.580511	-122.34614
B-274-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	ROW	37.580467	-122.34602
B-275-W	Blue gum	24-30"	Yes	3	-	24-29'	No	No	ROW	37.580451	-122.34598
B-276-W	Blue gum	30-35"	Yes	3	-	24-29'	No	No	ROW	37.580428	-122.34594
B-277-W	Blue gum	36-41"	Yes	3	-	24-29'	No	No	ROW	37.580417	-122.3459
B-278-W	Blue gum	12-17"	Yes	2	-	24-29'	No	No	ROW	37.580389	-122.34584
B-279-W	Blue gum	18-23"	Yes	2	-	24-29'	No	No	ROW	37.58037	-122.3458
B-280-W	Blue gum	42" or greater	Yes	3	-	24-29'	No	No	ROW	37.580345	-122.34574
MP-1-E	Coast Live Oak	12-17"	No	3	19-24'	-	Yes	Yes	Public	37.461114	-122.19209
MP-2-E	Coast Live Oak	18-23"	Yes	4	19-24'	-	Yes	Yes	Public	37.461094	-122.19207
MP-3-E	Coast Live Oak	06-11"	No	4	19-24'	-	Yes	Yes	Public	37.46107	-122.19203
MP-4-E	Monterey pine	12-17"	No	2	-	09-13'	Yes	No	Private	37.461059	-122.19194
MP-5-E	Coast Live Oak	06-11"	No	3	-	24-29'	No	No	Private	37.461036	-122.19191
MP-6-E	Coast Live Oak	06-11"	Yes	3	-	24-29'	No	No	Private	37.46103	-122.19189

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
MP-7-E	American elm	06-11"	No	3	14-18'	-	Yes	Yes	Public	37.460991	-122.1919
MP-8-E	Coast Redwood	12-17"	Yes	4	-	19-24'	Yes	No	Private	37.461015	-122.19187
MP-9-E	Coast Redwood	06-11"	No	4	24-29'	-	Yes	25%	Private	37.460992	-122.19187
MP-10-E	Coast Live Oak	30-35"	Yes	4	19-24'	-	Yes	Yes	Private	37.460884	-122.19172
MP-11-E	Coast Redwood	24-30"	Yes	4	24-29'	-	Yes	25%	Private	37.460776	-122.19155
MP-12-E	California bay	06-11"	No	3	24-29'	-	Yes	25%	Private	37.460733	-122.19149
MP-13-E	Coast Redwood	30-35"	Yes	4	19-24'	-	Yes	Yes	ROW	37.460719	-122.19147
MP-14-E	Coast Live Oak	06-11"	No	4	14-18'	-	Yes	Yes	ROW	37.460662	-122.19138
MP-15-E	Coast Redwood	24-30"	Yes	3	24-29'	-	Yes	25%	Private	37.460623	-122.19131
MP-16-E	Coast Redwood	06-11"	No	4	24-29'	-	Yes	25%	Private	37.460608	-122.1913
MP-17-E	Coast Live Oak	06-11"	No	4	14-18'	-	Yes	Yes	ROW	37.460571	-122.19126
MP-18-E	California black walnut	12-17"	Yes	3	-	24-29'	No	No	Private	37.46059	-122.19117
MP-19-E	Coast Live Oak	06-11"	No	5	14-18'	-	Yes	Yes	ROW	37.460473	-122.19112
MP-20-E	Coast Redwood	24-30"	Yes	5	-	24-29'	No	No	Private	37.460372	-122.19088
MP-21-E	Coast Redwood	24-30"	Yes	5	24-29'	-	Yes	25%	Private	37.460343	-122.19089
MP-22-E	Coast Redwood	18-23"	Yes	5	24-29'	-	Yes	25%	Private	37.460338	-122.19087
MP-23-E	Coast Redwood	18-23"	Yes	5	24-29'	-	Yes	25%	Private	37.46033	-122.19085
MP-24-E	Coast Redwood	18-23"	Yes	5	-	19-24'	Yes	No	Private	37.460326	-122.19082
MP-25-E	Coast Redwood	12-17"	Yes	5	24-29'	-	Yes	25%	Private	37.460295	-122.1908
MP-26-E	Coast Live Oak	12-17"	Yes	4	19-24'	-	Yes	Yes	ROW	37.460269	-122.1908
MP-27-E	Pittosporum sp.	12-17"	No	3	-	14-18'	Yes	No	Private	37.460286	-122.19075
MP-28-E	Pittosporum sp.	12-17"	No	3	-	14-18'	Yes	No	Private	37.460256	-122.19071
MP-29-E	Coast Live Oak	30-35"	Yes	4	-	04-08'	Yes	No	Private	37.460206	-122.19063
MP-30-E	Portuguese laurel	12-17"	No	2	19-24'	-	Yes	Yes	ROW	37.460131	-122.19058
MP-31-E	California bay	24-30"	Yes	2	24-29'	-	Yes	25%	Private	37.460073	-122.19046
MP-32-E	California bay	12-17"	No	3	24-29'	-	Yes	25%	Private	37.460053	-122.19042
MP-33-E	Silk oak	18-23"	Yes	3	-	24-29'	No	No	Private	37.459944	-122.19025
MP-34-E	Myoporum	06-11"	No	2	-	19-24'	Yes	No	Private	37.459937	-122.19023
MP-35-E	Myoporum	06-11"	No	2	-	19-24'	Yes	No	Private	37.459891	-122.19016
MP-36-E	Coast Live Oak	30-35"	Yes	3	-	04-08'	Yes	No	Private	37.459815	-122.19004
MP-37-E	Monterey pine	12-17"	No	2	-	19-24'	Yes	No	Private	37.459717	-122.18988
MP-38-E	Coast Live Oak	12-17"	Yes	3	-	09-13'	Yes	No	Private	37.459686	-122.18985

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
MP-39-E	Valley oak	24-30"	Yes	2	-	24-29'	No	No	Private	37.459719	-122.18981
MP-40-E	Coast Live Oak	12-17"	Yes	4	19-24'	-	Yes	Yes	ROW	37.459575	-122.18971
MP-41-E	Coast Live Oak	24-30"	Yes	4	19-24'	-	Yes	Yes	ROW	37.459573	-122.18969
MP-42-E	Coast Live Oak	18-23"	Yes	4	24-29'	-	Yes	25%	ROW	37.459534	-122.18963
MP-43-E	Coast Live Oak	12-17"	Yes	4	24-29'	-	Yes	25%	Private	37.459503	-122.18958
MP-44-E	Coast Live Oak	18-23"	Yes	3	24-29'	-	Yes	25%	ROW	37.459447	-122.18949
MP-45-E	Coast Redwood	30-35"	Yes	5	-	24-29'	No	No	Private	37.459445	-122.18944
MP-46-E	Pittosporum sp.	06-11"	No	3	-	19-24'	Yes	No	Private	37.459433	-122.18944
MP-47-E	Coast Live Oak	24-30"	Yes	4	-	04-08'	Yes	No	Private	37.459261	-122.18916
MP-48-E	Coast Live Oak	24-30"	Yes	4	-	14-18'	Yes	No	Private	37.459233	-122.18913
MP-49-E	Coast Live Oak	30-35"	Yes	4	24-29'	-	Yes	25%	ROW	37.459196	-122.1891
MP-50-E	Coast Live Oak	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.459148	-122.18903
MP-51-E	Coast Live Oak	12-17"	Yes	4	24-29'	-	Yes	25%	ROW	37.459114	-122.18897
MP-52-E	Coast Live Oak	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.45909	-122.18893
MP-53-E	Blackwood acacia	12-17"	No	3	24-29'	-	Yes	25%	Private	37.459045	-122.18886
MP-54-E	Coast Live Oak	06-11"	No	4	24-29'	-	Yes	25%	ROW	37.459011	-122.18881
MP-55-E	Coast Live Oak	06-11"	Yes	4	24-29'	-	Yes	25%	ROW	37.458993	-122.18878
MP-56-E	Coast Live Oak	12-17"	Yes	4	24-29'	-	Yes	25%	ROW	37.458964	-122.18874
MP-57-E	Red iron bark	06-11"	No	3	-	09-13'	Yes	No	Private	37.458952	-122.18868
MP-58-E	Blackwood acacia	12-17"	No	3	-	14-18'	Yes	No	Private	37.458939	-122.18866
MP-59-E	Coast Live Oak	24-30"	Yes	3	-	24-29'	No	No	Private	37.458956	-122.18864
MP-60-E	Coast Live Oak	24-30"	Yes	3	-	04-08'	Yes	No	Private	37.45891	-122.18862
MP-61-E	Coast Live Oak	30-35"	Yes	3	-	04-08'	Yes	No	Private	37.458896	-122.18859
MP-62-E	Silver dollar gum	12-17"	Yes	4	-	09-13'	Yes	No	Private	37.458846	-122.18852
MP-63-E	Silver dollar gum	12-17"	No	2	-	19-24'	Yes	No	Private	37.458839	-122.18851
MP-64-E	Silver dollar gum	12-17"	Yes	3	-	19-24'	Yes	No	Private	37.458836	-122.18849
MP-65-E	Silver dollar gum	18-23"	Yes	4	-	19-24'	Yes	No	Private	37.458813	-122.18846
MP-66-E	Silver dollar gum	24-30"	Yes	4	-	14-18'	Yes	No	Private	37.458773	-122.18839
MP-67-E	Valley oak	42" or greater	Yes	4	-	04-08'	Yes	No	Private	37.458709	-122.1883
MP-68-E	Coast Redwood	18-23"	Yes	4	-	19-24'	Yes	No	Private	37.458669	-122.18824
MP-69-E	Tree of Heaven	06-11"	No	3	-	14-18'	Yes	No	Private	37.458643	-122.1882
MP-70-E	Monterey pine	36-41"	Yes	3	24-29'	-	Yes	25%	Private	37.45861	-122.18817

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
MP-71-E	Pittosporum sp.	18-23"	Yes	3	-	24-29'	No	No	Private	37.458572	-122.18808
MP-72-E	Monterey pine	24-30"	Yes	2	24-29'	-	Yes	25%	Private	37.458551	-122.18808
MP-73-E	Coast Live Oak	42" or greater	No	3	-	09-13'	Yes	No	Private	37.458469	-122.18791
MP-74-E	Coast Live Oak	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.458428	-122.18789
MP-75-E	Coast Live Oak	06-11"	No	4	24-29'	-	Yes	25%	Private	37.458361	-122.18778
MP-76-E	Monterey pine	36-41"	Yes	2	24-29'	-	Yes	25%	ROW	37.458345	-122.18776
MP-77-E	Coast Live Oak	12-17"	Yes	4	24-29'	-	Yes	25%	ROW	37.458305	-122.18768
MP-78-E	Coast Live Oak	18-23"	No	3	24-29'	-	Yes	25%	ROW	37.458273	-122.18764
MP-79-E	Coast Live Oak	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.458229	-122.18757
MP-80-E	Coast Live Oak	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.458211	-122.18754
MP-81-E	California bay	18-23"	Yes	4	-	19-24'	Yes	No	ROW	37.458232	-122.18752
MP-82-E	Coast Live Oak	24-30"	Yes	4	-	14-18'	Yes	No	Private	37.458202	-122.18749
MP-83-E	Coast Live Oak	30-35"	Yes	4	-	14-18'	Yes	No	Private	37.458168	-122.18743
MP-84-E	Coast Live Oak	06-11"	No	4	24-29'	-	Yes	25%	ROW	37.458135	-122.18741
MP-85-E	Coast Live Oak	06-11"	No	4	24-29'	-	Yes	25%	ROW	37.458083	-122.18733
MP-86-E	Coast Live Oak	36-41"	Yes	4	24-29'	-	Yes	25%	ROW	37.458048	-122.18728
MP-87-E	Coast Live Oak	12-17"	Yes	3	-	24-29'	No	No	Private	37.458013	-122.1872
MP-88-E	Coast Live Oak	30-35"	No	4	24-29'	-	Yes	25%	ROW	37.457966	-122.18715
MP-89-E	Tree of Heaven	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.457938	-122.1871
MP-90-E	Tree of Heaven	12-17"	No	3	24-29'	-	Yes	25%	ROW	37.457923	-122.18708
MP-91-E	Coast Live Oak	12-17"	Yes	4	-	24-29'	No	No	Private	37.457906	-122.18699
MP-92-E	Blue gum	42" or greater	Yes	3	24-29'	-	Yes	25%	ROW	37.457846	-122.18697
MP-93-E	Pittosporum sp.	06-11"	No	3	-	19-24'	Yes	No	Private	37.457749	-122.18678
MP-94-E	Coast Live Oak	36-41"	Yes	4	-	14-18'	Yes	No	Private	37.457715	-122.18673
MP-95-E	Coast Live Oak	12-17"	Yes	4	24-29'	-	Yes	25%	ROW	37.457675	-122.18669
MP-96-E	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.457652	-122.18665
MP-97-E	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.457625	-122.18662
MP-98-E	Coast Live Oak	06-11"	No	3	19-24'	-	Yes	Yes	ROW	37.457604	-122.18659
MP-99-E	Coast Live Oak	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.457578	-122.18654
MP-100-E	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.457567	-122.18652
MP-101-E	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.457521	-122.18644

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
MP-102-E	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.457503	-122.18641
MP-103-E	Purple leaf plum	12-17"	No	2	-	24-29'	No	No	Private	37.457486	-122.18637
MP-104-E	Coast Live Oak	24-30"	Yes	4	24-29'	-	Yes	25%	ROW	37.457465	-122.18636
MP-105-E	Coast Live Oak	12-17"	Yes	4	24-29'	-	Yes	25%	ROW	37.457454	-122.18634
MP-106-E	Coast Live Oak	12-17"	Yes	3	-	19-24'	Yes	No	Private	37.457358	-122.18615
MP-107-E	Persimmon	06-11"	No	3	-	19-24'	Yes	No	Private	37.457335	-122.18613
MP-108-E	chestnut	12-17"	Yes	3	-	19-24'	Yes	No	Private	37.457322	-122.18611
MP-109-E	Coast Live Oak	42" or greater	Yes	5	-	14-18'	Yes	No	Private	37.45724	-122.18596
MP-110-E	Avocado	12-17"	No	3	-	24-29'	No	No	Private	37.457165	-122.18586
MP-111-E	Avocado	18-23"	Yes	2	-	14-18'	Yes	No	Private	37.457139	-122.18582
MP-112-E	Chinese elm	12-17"	No	2	-	24-29'	No	No	Private	37.457101	-122.18575
MP-113-E	Silver dollar gum	18-23"	Yes	3	-	04-08'	Yes	No	Private	37.45708	-122.18573
MP-114-E	Chinese elm	06-11"	No	3	-	19-24'	Yes	No	Private	37.457061	-122.18569
MP-115-E	Chinese elm	18-23"	Yes	3	-	14-18'	Yes	No	Private	37.457028	-122.18564
MP-116-E	Chinese elm	06-11"	No	2	-	24-29'	No	No	Private	37.457011	-122.18561
MP-117-E	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.456905	-122.18547
MP-118-E	Tree of Heaven	18-23"	No	3	24-29'	-	Yes	25%	ROW	37.456839	-122.18536
MP-119-E	Tree of Heaven	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.456798	-122.18531
MP-120-E	Coast Live Oak	18-23"	Yes	3	24-29'	-	Yes	25%	ROW	37.456744	-122.18524
MP-121-E	Coast Live Oak	18-23"	Yes	4	24-29'	-	Yes	25%	ROW	37.456665	-122.1851
MP-122-E	Coast Live Oak	24-30"	Yes	4	24-29'	-	Yes	25%	ROW	37.456654	-122.18508
MP-123-E	Monterey pine	30-35"	Yes	2	-	14-18'	Yes	No	Private	37.456539	-122.18485
MP-124-E	Monterey pine	24-30"	Yes	3	-	09-13'	Yes	No	Private	37.456526	-122.18483
MP-125-E	Monterey pine	30-35"	Yes	2	-	09-13'	Yes	No	Private	37.456506	-122.1848
MP-126-E	Monterey pine	12-17"	Yes	2	-	19-24'	Yes	No	Private	37.456493	-122.18478
MP-127-E	Monterey pine	24-30"	Yes	2	24-29'	-	Yes	25%	Private	37.45644	-122.18472
MP-128-E	Monterey pine	24-30"	Yes	2	24-29'	-	Yes	25%	Private	37.456423	-122.1847
MP-129-E	Monterey pine	24-30"	Yes	2	24-29'	-	Yes	25%	Private	37.456415	-122.18468
MP-130-E	Monterey pine	24-30"	Yes	3	24-29'	-	Yes	25%	Private	37.456402	-122.18465
MP-131-E	Tree of Heaven	06-11"	No	3	24-29'	-	Yes	25%	Private	37.456325	-122.18453
MP-132-E	Tree of Heaven	18-23"	Yes	3	24-29'	-	Yes	25%	Private	37.456319	-122.18452
MP-133-E	Tree of Heaven	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.456256	-122.18447

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
MP-134-E	Tree of Heaven	18-23"	Yes	3	24-29'	-	Yes	25%	Private	37.456256	-122.18444
MP-135-E	California bay	12-17"	No	3	19-24'	-	Yes	Yes	Private	37.45624	-122.18443
MP-136-E	Callery pear	06-11"	No	3	-	24-29'	No	No	Private	37.456168	-122.18423
MP-137-E	Tree of Heaven	24-30"	Yes	3	19-24'	-	Yes	Yes	Private	37.456032	-122.18407
MP-138-E	Tree of Heaven	06-11"	No	3	19-24'	-	Yes	Yes	Private	37.455969	-122.18399
MP-139-E	Tree of Heaven	12-17"	No	3	19-24'	-	Yes	Yes	Private	37.455966	-122.18398
MP-140-E	Tree of Heaven	18-23"	Yes	3	19-24'	-	Yes	Yes	Private	37.455955	-122.18396
MP-141-E	Coast Live Oak	06-11"	No	2	19-24'	-	Yes	Yes	Private	37.455946	-122.18394
MP-142-E	Tree of Heaven	30-35"	No	3	24-29'	-	Yes	25%	Private	37.45594	-122.18393
MP-143-E	Tree of Heaven	06-11"	No	3	24-29'	-	Yes	25%	Private	37.455911	-122.18388
MP-144-E	Tree of Heaven	18-23"	Yes	3	24-29'	-	Yes	25%	Private	37.455918	-122.18387
MP-145-E	Arizona cypress	06-11"	No	2	24-29'	-	Yes	25%	Private	37.455902	-122.18386
MP-146-E	Tree of Heaven	12-17"	Yes	3	24-29'	-	Yes	25%	Private	37.455878	-122.18384
MP-147-E	Arizona cypress	06-11"	No	2	24-29'	-	Yes	25%	Private	37.455857	-122.1838
MP-148-E	Tree of Heaven	12-17"	Yes	3	24-29'	-	Yes	25%	Private	37.455851	-122.18379
MP-149-E	Windmill palm	06-11"	No	4	24-29'	-	Yes	25%	Private	37.455825	-122.18374
MP-150-E	Coast Live Oak	24-30"	Yes	4	24-29'	-	Yes	25%	Private	37.455805	-122.18374
MP-151-E	Coast Live Oak	24-30"	Yes	4	19-24'	-	Yes	Yes	Private	37.455764	-122.18366
MP-152-E	Coast Live Oak	12-17"	Yes	4	24-29'	-	Yes	25%	Private	37.455762	-122.18365
MP-153-E	Tree of Heaven	12-17"	Yes	3	24-29'	-	Yes	25%	Private	37.455758	-122.18364
MP-154-E	Arizona cypress	06-11"	No	2	24-29'	-	Yes	25%	Private	37.455754	-122.18362
MP-155-E	Tree of Heaven	30-35"	Yes	3	24-29'	-	Yes	25%	Private	37.455744	-122.18362
MP-156-E	Arizona cypress	06-11"	No	2	24-29'	-	Yes	25%	Private	37.455722	-122.1836
MP-157-E	Tree of Heaven	24-30"	Yes	3	24-29'	-	Yes	25%	Private	37.455719	-122.18359
MP-158-E	Windmill palm	06-11"	No	4	24-29'	-	Yes	25%	Private	37.455716	-122.18356
MP-159-E	Tree of Heaven	12-17"	Yes	3	24-29'	-	Yes	25%	Private	37.455686	-122.18355
MP-160-E	Windmill palm	06-11"	No	4	24-29'	-	Yes	25%	Private	37.455688	-122.18351
MP-161-E	Windmill palm	06-11"	No	4	24-29'	-	Yes	25%	Private	37.455654	-122.18346
MP-162-E	Tree of Heaven	36-41"	Yes	3	24-29'	-	Yes	25%	Private	37.455645	-122.18346
MP-163-E	Tree of Heaven	18-23"	Yes	3	24-29'	-	Yes	25%	Private	37.455599	-122.18342
MP-164-E	Valley oak	06-11"	No	4	-	24-29'	No	No	Public	37.455511	-122.18317
MP-165-E	Coast live oak	18-23"	Yes	4	24-29'	-	Yes	25%	Public	37.455389	-122.18305

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
MP-166-E	Canary Island palm	30-35"	Yes	5	24-29'	-	Yes	25%	Public	37.455348	-122.18298
MP-167-E	Coast live oak	24-30"	Yes	4	24-29'	-	Yes	25%	Public	37.455301	-122.1829
MP-168-E	Canary Island palm	30-35"	Yes	5	24-29'	-	Yes	25%	Public	37.455275	-122.18287
MP-169-E	Canary Island palm	30-35"	Yes	5	24-29'	-	Yes	25%	Public	37.45524	-122.18282
MP-170-E	Coast live oak	24-30"	Yes	4	24-29'	-	Yes	25%	Public	37.455178	-122.18272
MP-171-E	Canary Island palm	30-35"	Yes	5	19-24'	-	Yes	Yes	Public	37.455142	-122.18266
MP-172-E	Coast live oak	30-35"	Yes	4	24-29'	-	Yes	25%	Public	37.455061	-122.18254
MP-173-E	Canary Island palm	30-35"	Yes	5	24-29'	-	Yes	25%	Public	37.455011	-122.18246
MP-174-E	Canary Island palm	36-41"	Yes	5	24-29'	-	Yes	25%	Public	37.454997	-122.18244
MP-175-E	Coast live oak	24-30"	Yes	4	24-29'	-	Yes	25%	Public	37.454929	-122.18233
MP-176-E	Coast live oak	24-30"	Yes	3	24-29'	-	Yes	25%	Public	37.454918	-122.1823
MP-177-E	Coast live oak	12-17"	Yes	4	24-29'	-	Yes	25%	Public	37.454896	-122.18228
MP-178-E	Coast live oak	18-23"	Yes	5	24-29'	-	Yes	25%	Public	37.454853	-122.18221
MP-179-E	Coast live oak	42" or greater	Yes	4	24-29'	-	Yes	25%	Public	37.454745	-122.18204
MP-180-E	Coast live oak	24-30"	Yes	4	24-29'	-	Yes	25%	Public	37.454656	-122.18189
MP-181-E	London plane	06-11"	No	4	19-24'	-	Yes	Yes	Public	37.454569	-122.18176
MP-182-E	Coast live oak	24-30"	Yes	5	24-29'	-	Yes	25%	Public	37.454505	-122.18165
MP-183-E	Tree of heaven	18-23"	Yes	4	19-24'	-	Yes	Yes	Public	37.454414	-122.1815
MP-184-E	Valley oak	36-41"	Yes	4	-	19-24'	Yes	No	Public	37.454367	-122.18131
MP-185-E	Coast live oak	30-35"	Yes	4	-	09-13'	Yes	No	Public	37.45403	-122.18084
MP-186-E	Tree of Heaven	30-35"	Yes	4	-	14-18'	Yes	No	Public	37.453718	-122.1803
MP-187-E	Chinese pistache	06-11"	No	4	24-29'	-	Yes	25%	ROW	37.453604	-122.18026
MP-188-E	Chinese pistache	18-23"	Yes	4	24-29'	-	Yes	25%	ROW	37.453597	-122.18023
MP-189-E	Chinese pistache	12-17"	No	4	24-29'	-	Yes	25%	ROW	37.453529	-122.18014
MP-190-E	Tree of Heaven	18-23"	Yes	4	-	09-13'	Yes	No	ROW	37.453491	-122.18004
MP-191-E	Chinese pistache	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.453439	-122.17999
MP-192-E	Coast live oak	42" or greater	Yes	5	-	19-24'	Yes	No	Public	37.453374	-122.17986
MP-193-E	Italian stone pine	12-17"	No	5	-	24-29'	No	No	ROW	37.453264	-122.17967
MP-194-E	Blackwood acacia	12-17"	No	4	24-29'	-	Yes	25%	ROW	37.453207	-122.17965
MP-195-E	Coast live oak	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.453191	-122.17961
MP-196-E	Sweetgum	12-17"	Yes	3	-	24-29'	No	No	ROW	37.453188	-122.17955

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
MP-197-E	Coast live oak	24-30"	Yes	5	-	14-18'	Yes	No	ROW	37.453125	-122.17946
MP-198-E	Chinese pistache	18-23"	Yes	1	-	24-29'	No	No	ROW	37.453077	-122.17939
MP-199-E	Chinese pistache	12-17"	No	4	-	19-24'	Yes	No	ROW	37.453059	-122.17935
MP-200-E	Chinese pistache	12-17"	No	3	-	19-24'	Yes	No	ROW	37.453022	-122.1793
MP-201-E	Chinese pistache	12-17"	No	3	-	19-24'	Yes	No	ROW	37.452986	-122.17924
MP-202-E	Chinese pistache	06-11"	No	4	-	19-24'	Yes	No	ROW	37.452944	-122.17917
MP-203-E	Chinese pistache	12-17"	No	3	-	19-24'	Yes	No	ROW	37.452917	-122.17912
MP-204-E	Coast live oak	24-30"	Yes	4	24-29'	-	Yes	25%	ROW	37.452869	-122.17908
MP-205-E	Chinese pistache	06-11"	No	2	-	24-29'	No	No	Public	37.452877	-122.17902
MP-206-E	Coast redwood	12-17"	No	4	24-29'	-	Yes	25%	ROW	37.452808	-122.17898
MP-207-E	Coast redwood	12-17"	No	4	24-29'	-	Yes	25%	ROW	37.452782	-122.17894
MP-208-E	Coast redwood	12-17"	No	4	24-29'	-	Yes	25%	ROW	37.452741	-122.17888
MP-209-E	Coast redwood	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.452709	-122.17882
MP-210-E	Coast redwood	12-17"	Yes	3	-	19-24'	Yes	No	ROW	37.452706	-122.17878
MP-211-E	Coast redwood	18-23"	Yes	4	-	24-29'	No	No	ROW	37.452668	-122.17874
MP-212-E	Coast redwood	18-23"	Yes	4	-	24-29'	No	No	ROW	37.452588	-122.17861
MP-213-E	Coast redwood	18-23"	Yes	5	-	19-24'	Yes	No	ROW	37.452553	-122.17854
MP-214-E	Coast redwood	18-23"	Yes	4	-	19-24'	Yes	No	ROW	37.452515	-122.17849
MP-215-E	Tree of heaven	18-23"	Yes	3	-	19-24'	Yes	No	ROW	37.452499	-122.17847
MP-216-E	Coast redwood	06-11"	No	4	24-29'	-	Yes	25%	ROW	37.452455	-122.17842
MP-217-E	Coast redwood	12-17"	Yes	4	24-29'	-	Yes	25%	ROW	37.452424	-122.17838
MP-218-E	Coast redwood	12-17"	Yes	4	24-29'	-	Yes	25%	ROW	37.452408	-122.17836
MP-219-E	Coast redwood	12-17"	Yes	4	24-29'	-	Yes	25%	ROW	37.452386	-122.17831
MP-220-E	Coast redwood	12-17"	Yes	4	24-29'	-	Yes	25%	ROW	37.452361	-122.17828
MP-221-E	Coast redwood	12-17"	No	5	24-29'	-	Yes	25%	ROW	37.452316	-122.17821
MP-222-E	Coast redwood	12-17"	Yes	4	-	19-24'	Yes	No	ROW	37.452306	-122.17817
MP-223-E	Chinese pistache	06-11"	No	4	24-29'	-	Yes	25%	ROW	37.45225	-122.17813
MP-224-E	Chinese pistache	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.452219	-122.17806
MP-225-E	Almond	06-11"	No	1	24-29'	-	Yes	25%	ROW	37.452199	-122.17801
MP-226-E	Coast redwood	12-17"	No	4	24-29'	-	Yes	25%	ROW	37.45219	-122.178
MP-227-E	Coast redwood	12-17"	No	4	-	24-29'	No	No	ROW	37.452158	-122.17792
MP-228-E	Tree of heaven	12-17"	No	3	24-29'	-	Yes	25%	ROW	37.452135	-122.17793

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
MP-229-E	Coast live oak	12-17"	Yes	4	24-29'	-	Yes	25%	ROW	37.4521	-122.17788
MP-230-E	Coast live oak	24-30"	Yes	4	24-29'	-	Yes	25%	ROW	37.45208	-122.17782
MP-231-E	Coast redwood	06-11"	No	3	-	24-29'	No	No	ROW	37.452062	-122.17778
MP-232-E	Coast live oak	18-23"	Yes	4	-	24-29'	No	No	Public	37.45205	-122.1777
MP-233-E	Coast redwood	12-17"	No	1	-	24-29'	No	No	ROW	37.452015	-122.1777
MP-234-E	Coast redwood	06-11"	No	1	-	24-29'	No	No	ROW	37.451977	-122.17764
MP-235-E	Coast live oak	30-35"	Yes	3	-	19-24'	Yes	No	ROW	37.451935	-122.17757
MP-236-E	Italian stone pine	36-41"	Yes	3	24-29'	-	Yes	25%	ROW	37.451861	-122.1775
MP-237-E	Italian stone pine	30-35"	Yes	3	24-29'	-	Yes	25%	ROW	37.451815	-122.17743
MP-238-E	Italian stone pine	18-23"	Yes	2	-	19-24'	Yes	No	ROW	37.45181	-122.17738
MP-239-E	Italian stone pine	30-35"	Yes	2	24-29'	-	Yes	25%	ROW	37.451774	-122.17734
MP-240-E	Italian stone pine	24-30"	Yes	3	24-29'	-	Yes	25%	ROW	37.451757	-122.17732
MP-241-E	Italian stone pine	30-35"	Yes	2	-	24-29'	No	No	ROW	37.451747	-122.17726
MP-242-E	Chinese pistache	18-23"	Yes	3	-	19-24'	Yes	No	ROW	37.451695	-122.17719
MP-243-E	Coast live oak	06-11"	No	4	24-29'	-	Yes	25%	ROW	37.45161	-122.1771
MP-244-E	Chinese pistache	12-17"	No	3	24-29'	-	Yes	25%	ROW	37.451576	-122.17703
MP-245-E	Coast live oak	12-17"	Yes	4	14-18'	-	Yes	Yes	ROW	37.451527	-122.17699
MP-246-E	Chinese pistache	12-17"	No	3	-	19-24'	Yes	No	ROW	37.451476	-122.17685
MP-247-E	Chinese pistache	06-11"	No	2	-	19-24'	Yes	No	ROW	37.451451	-122.1768
MP-248-E	Coast live oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.451416	-122.17679
MP-249-E	Coast live oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.451394	-122.17676
MP-250-E	Chinese pistache	18-23"	Yes	3	-	19-24'	Yes	No	ROW	37.451385	-122.1767
MP-251-E	Coast live oak	24-30"	Yes	5	19-24'	-	Yes	Yes	ROW	37.451352	-122.17669
MP-252-E	Coast live oak	06-11"	Yes	2	24-29'	-	Yes	25%	ROW	37.451316	-122.17664
MP-253-E	Coast live oak	18-23"	Yes	3	-	14-18'	Yes	No	ROW	37.451316	-122.17659
MP-254-E	Coast live oak	12-17"	Yes	2	24-29'	-	Yes	25%	ROW	37.451288	-122.17657
MP-255-E	Tree of heaven	24-30"	Yes	4	24-29'	-	Yes	25%	ROW	37.451251	-122.17652
MP-256-E	Coast live oak	12-17"	Yes	3	14-18'	-	Yes	Yes	ROW	37.45123	-122.1765
MP-257-E	Coast live oak	06-11"	No	2	14-18'	-	Yes	Yes	ROW	37.451196	-122.17647
MP-258-E	Coast live oak	12-17"	Yes	3	-	24-29'	No	No	ROW	37.451217	-122.17642
MP-259-E	Coast live oak	12-17"	Yes	3	-	14-18'	Yes	No	ROW	37.4512	-122.1764
MP-260-E	Coast live oak	30-35"	Yes	4	14-18'	-	Yes	Yes	ROW	37.451148	-122.17638

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
MP-261-E	Camphor	12-17"	Yes	3	-	24-29'	No	No	Public	37.451144	-122.17631
MP-262-E	Coast live oak	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.451097	-122.17628
MP-263-E	Camphor	12-17"	Yes	3	-	19-24'	Yes	No	Public	37.451082	-122.17622
MP-264-E	Coast live oak	18-23"	Yes	4	14-18'	-	Yes	Yes	ROW	37.451031	-122.1762
MP-265-E	Coast live oak	18-23"	Yes	4	14-18'	-	Yes	Yes	ROW	37.451023	-122.17618
MP-266-E	Coast live oak	24-30"	Yes	4	14-18'	-	Yes	Yes	ROW	37.450979	-122.17612
MP-267-E	Coast live oak	06-11"	No	3	14-18'	-	Yes	Yes	ROW	37.450948	-122.17608
MP-268-E	Coast live oak	18-23"	Yes	3	14-18'	-	Yes	Yes	ROW	37.450926	-122.17605
MP-269-E	Coast live oak	18-23"	Yes	3	14-18'	-	Yes	Yes	ROW	37.450897	-122.17601
MP-270-E	Coast live oak	36-41"	Yes	4	14-18'	-	Yes	Yes	ROW	37.45084	-122.1759
MP-271-E	Coast live oak	18-23"	Yes	3	19-24'	-	Yes	Yes	ROW	37.450826	-122.17585
MP-272-E	Coast live oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.450815	-122.17582
MP-273-E	Coast live oak	06-11"	No	1	24-29'	-	Yes	25%	ROW	37.450801	-122.1758
MP-274-E	Coast live oak	18-23"	Yes	3	24-29'	-	Yes	25%	ROW	37.450778	-122.17578
MP-275-E	Coast live oak	06-11"	Yes	1	24-29'	-	Yes	25%	ROW	37.450746	-122.17574
MP-276-E	Coast live oak	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.450744	-122.17572
MP-277-E	Coast live oak	06-11"	Yes	3	24-29'	-	Yes	25%	ROW	37.450733	-122.17571
MP-278-E	Chinese pistache	06-11"	No	4	-	24-29'	No	No	Public	37.450747	-122.17568
MP-279-E	Coast live oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.450716	-122.17568
MP-280-E	Coast live oak	06-11"	No	2	24-29'	-	Yes	25%	ROW	37.450709	-122.17568
MP-281-E	Coast live oak	18-23"	Yes	3	24-29'	-	Yes	25%	ROW	37.450702	-122.17565
MP-282-E	Coast live oak	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.450686	-122.17564
MP-283-E	Coast live oak	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.450678	-122.17562
MP-284-E	Coast live oak	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.450669	-122.17561
MP-285-E	Coast live oak	12-17"	Yes	3	19-24'	-	Yes	Yes	ROW	37.450656	-122.17559
MP-286-E	Coast live oak	06-11"	No	4	24-29'	-	Yes	25%	ROW	37.450654	-122.17557
MP-287-E	Coast live oak	06-11"	No	3	19-24'	-	Yes	Yes	ROW	37.450637	-122.17556
MP-288-E	Coast live oak	12-17"	Yes	3	19-24'	-	Yes	Yes	ROW	37.45063	-122.17554
MP-289-E	Coast live oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.450629	-122.17553
MP-290-E	Coast live oak	18-23"	Yes	4	24-29'	-	Yes	25%	ROW	37.450603	-122.17549
MP-291-E	Coast live oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.450574	-122.17545
MP-292-E	Coast live oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.450558	-122.17541

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
MP-293-E	Coast live oak	24-30"	Yes	4	24-29'	-	Yes	25%	ROW	37.450545	-122.1754
MP-294-E	Coast live oak	12-17"	Yes	3	19-24'	-	Yes	Yes	ROW	37.450521	-122.17537
MP-295-E	Coast live oak	12-17"	Yes	4	24-29'	-	Yes	25%	ROW	37.450488	-122.17532
MP-296-E	Coast live oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.450456	-122.17528
MP-297-E	Coast live oak	12-17"	Yes	3	19-24'	-	Yes	Yes	ROW	37.450431	-122.17526
MP-298-E	Coast live oak	12-17"	Yes	2	19-24'	-	Yes	Yes	ROW	37.450411	-122.17523
MP-299-E	Coast live oak	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.45042	-122.1752
MP-300-E	Coast live oak	24-30"	Yes	4	19-24'	-	Yes	Yes	ROW	37.450402	-122.17519
MP-301-E	Coast live oak	06-11"	No	2	24-29'	-	Yes	25%	ROW	37.450366	-122.17513
MP-302-E	Coast live oak	18-23"	Yes	4	-	19-24'	Yes	No	ROW	37.450367	-122.1751
MP-303-E	Holly oak	06-11"	No	2	24-29'	-	Yes	25%	ROW	37.450344	-122.17508
MP-304-E	Coast live oak	12-17"	Yes	2	24-29'	-	Yes	25%	ROW	37.450332	-122.17506
MP-305-E	Coast live oak	06-11"	Yes	2	24-29'	-	Yes	25%	ROW	37.45032	-122.17504
MP-306-E	Coast live oak	24-30"	Yes	3	24-29'	-	Yes	25%	ROW	37.450309	-122.17502
MP-307-E	Coast live oak	24-30"	Yes	4	24-29'	-	Yes	25%	ROW	37.450282	-122.17498
MP-308-E	Holly oak	06-11"	No	3	-	19-24'	Yes	No	ROW	37.450283	-122.17496
MP-309-E	Coast live oak	12-17"	Yes	2	19-24'	-	Yes	Yes	ROW	37.45025	-122.17495
MP-310-E	Coast live oak	12-17"	Yes	3	19-24'	-	Yes	Yes	ROW	37.450211	-122.1749
MP-311-E	Coast live oak	30-35"	Yes	4	19-24'	-	Yes	Yes	ROW	37.450202	-122.17488
MP-312-E	Coast live oak	06-11"	No	1	24-29'	-	Yes	25%	ROW	37.450137	-122.17478
MP-313-E	Coast live oak	06-11"	No	1	24-29'	-	Yes	25%	ROW	37.450125	-122.17476
MP-314-E	Coast live oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.450112	-122.17474
MP-315-E	Coast live oak	06-11"	No	2	-	24-29'	No	No	ROW	37.450127	-122.17472
MP-316-E	Coast live oak	12-17"	Yes	2	-	24-29'	No	No	ROW	37.450113	-122.1747
MP-317-E	Coast live oak	06-11"	No	2	24-29'	-	Yes	25%	ROW	37.450092	-122.17471
MP-318-E	Holly oak	06-11"	No	2	24-29'	-	Yes	25%	ROW	37.450092	-122.17468
MP-319-E	Coast live oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.450017	-122.17458
MP-320-E	Coast live oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.450002	-122.17455
MP-321-E	Holly oak	06-11"	No	2	24-29'	-	Yes	25%	ROW	37.449988	-122.17454
MP-322-E	California bay	18-23"	Yes	2	19-24'	-	Yes	Yes	ROW	37.449945	-122.17448
MP-323-E	Blackwood acacia	18-23"	Yes	3	-	19-24'	Yes	No	Public	37.449962	-122.17444
MP-324-E	Coast live oak	06-11"	No	4	-	24-29'	No	No	ROW	37.449928	-122.17441

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
MP-325-E	Chinese pistache	24-30"	Yes	4	-	24-29'	No	No	Public	37.449876	-122.17427
MP-326-E	Coast live oak	36-41"	Yes	4	-	19-24'	Yes	No	ROW	37.449822	-122.17423
MP-327-E	Holly oak	06-11"	No	2	-	19-24'	Yes	No	ROW	37.449818	-122.17422
MP-328-E	Coast live oak	24-30"	Yes	3	-	19-24'	Yes	No	ROW	37.449798	-122.17418
MP-329-E	Coast live oak	06-11"	No	2	-	19-24'	Yes	No	ROW	37.449777	-122.17415
MP-330-E	Coast live oak	06-11"	No	2	-	24-29'	No	No	ROW	37.449748	-122.17413
MP-331-E	Coast live oak	18-23"	Yes	4	-	14-18'	Yes	No	ROW	37.449738	-122.1741
MP-332-E	Coast live oak	24-30"	Yes	3	-	14-18'	Yes	No	ROW	37.449714	-122.17407
MP-333-E	Coast live oak	12-17"	Yes	3	-	09-13'	Yes	No	ROW	37.449689	-122.17402
MP-334-E	Coast live oak	36-41"	Yes	4	-	14-18'	Yes	No	ROW	37.44966	-122.17398
MP-335-E	Coast live oak	06-11"	No	2	-	19-24'	Yes	No	ROW	37.449629	-122.17393
MP-336-E	Coast live oak	12-17"	Yes	2	-	24-29'	No	No	ROW	37.449608	-122.1739
MP-337-E	Coast live oak	18-23"	Yes	4	-	24-29'	No	No	ROW	37.44959	-122.17386
MP-338-E	Coast live oak	30-35"	Yes	5	-	24-29'	No	No	ROW	37.449549	-122.17378
MP-339-E	Coast live oak	06-11"	No	1	-	24-29'	No	No	ROW	37.44952	-122.17373
MP-340-E	Coast live oak	18-23"	Yes	4	-	14-18'	Yes	No	ROW	37.449507	-122.17371
MP-341-E	Coast live oak	30-35"	Yes	3	-	19-24'	Yes	No	ROW	37.449485	-122.17369
MP-342-E	Coast live oak	06-11"	No	3	-	24-29'	No	No	ROW	37.449478	-122.17367
MP-343-E	Chinese pistache	12-17"	Yes	4	-	24-29'	No	No	Public	37.449353	-122.17347
MP-344-E	Coast live oak	06-11"	No	1	24-29'	-	Yes	25%	ROW	37.449301	-122.17344
MP-345-E	Valley oak	24-30"	Yes	3	-	24-29'	No	No	ROW	37.449289	-122.17339
MP-346-E	Coast live oak	24-30"	Yes	4	24-29'	-	Yes	25%	ROW	37.449197	-122.17328
MP-347-E	Coast live oak	12-17"	Yes	4	24-29'	-	Yes	25%	ROW	37.449183	-122.17325
MP-348-E	Coast live oak	06-11"	No	1	19-24'	-	Yes	Yes	ROW	37.449155	-122.17324
MP-349-E	Coast live oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.449165	-122.17322
MP-350-E	Coast live oak	06-11"	No	2	24-29'	-	Yes	25%	ROW	37.449149	-122.1732
MP-351-E	Coast live oak	06-11"	Yes	4	24-29'	-	Yes	25%	ROW	37.449141	-122.17318
MP-352-E	Coast live oak	06-11"	Yes	2	24-29'	-	Yes	25%	ROW	37.449131	-122.17317
MP-353-E	Coast live oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.449121	-122.17316
MP-354-E	Coast live oak	12-17"	Yes	1	24-29'	-	Yes	25%	ROW	37.449094	-122.17313
MP-355-E	Tree of heaven	06-11"	No	2	-	24-29'	No	No	ROW	37.449072	-122.17304
MP-356-E	Coast live oak	24-30"	Yes	4	-	24-29'	No	No	ROW	37.449075	-122.17303

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
MP-357-E	Chinese pistache	12-17"	Yes	4	-	24-29'	No	No	Public	37.449061	-122.17297
MP-358-E	Willow	12-17"	Yes	1	-	19-24'	Yes	No	ROW	37.449015	-122.17295
MP-359-E	Coast live oak	18-23"	Yes	4	24-29'	-	Yes	25%	ROW	37.448922	-122.17284
MP-360-E	Coast live oak	18-23"	Yes	4	-	19-24'	Yes	No	ROW	37.448924	-122.1728
MP-361-E	Coast live oak	30-35"	Yes	3	24-29'	-	Yes	25%	ROW	37.448885	-122.17278
MP-362-E	Coast live oak	30-35"	Yes	4	24-29'	-	Yes	25%	ROW	37.448841	-122.17271
MP-363-E	Coast live oak	42" or greater	Yes	5	-	14-18'	Yes	No	ROW	37.448824	-122.17266
MP-364-E	Blackwood acacia	18-23"	Yes	3	-	19-24'	Yes	No	ROW	37.448706	-122.17247
MP-365-E	Blackwood acacia	18-23"	Yes	3	24-29'	-	Yes	25%	ROW	37.448641	-122.1724
MP-366-E	Coast live oak	18-23"	Yes	3	-	24-29'	No	No	ROW	37.448594	-122.1723
MP-367-E	Coast live oak	36-41"	Yes	4	24-29'	-	Yes	25%	ROW	37.448559	-122.17227
MP-368-E	Coast live oak	24-30"	Yes	4	24-29'	-	Yes	25%	ROW	37.448528	-122.17223
MP-369-E	Coast live oak	24-30"	Yes	4	24-29'	-	Yes	25%	ROW	37.448493	-122.17217
MP-370-E	Coast live oak	18-23"	Yes	3	24-29'	-	Yes	25%	ROW	37.448482	-122.17214
MP-371-E	Coast live oak	06-11"	No	2	24-29'	-	Yes	25%	ROW	37.448428	-122.17208
MP-372-E	Coast live oak	30-35"	Yes	4	24-29'	-	Yes	25%	ROW	37.448386	-122.172
MP-373-E	Coast live oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.448369	-122.17197
MP-374-E	Coast live oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.448341	-122.17193
MP-375-E	Coast live oak	24-30"	Yes	4	19-24'	-	Yes	Yes	ROW	37.448306	-122.17188
MP-376-E	California bay	24-30"	Yes	3	24-29'	-	Yes	25%	ROW	37.448283	-122.17184
MP-377-E	Coast live oak	24-30"	Yes	4	19-24'	-	Yes	Yes	ROW	37.448241	-122.17178
MP-378-E	Coast live oak	24-30"	Yes	2	24-29'	-	Yes	25%	ROW	37.448171	-122.17168
MP-379-E	Coast live oak	18-23"	Yes	5	24-29'	-	Yes	25%	ROW	37.448157	-122.17166
MP-380-E	Coast live oak	18-23"	Yes	4	19-24'	-	Yes	Yes	ROW	37.448104	-122.17158
MP-381-E	Coast live oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.448089	-122.17154
MP-382-E	Coast live oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.448077	-122.17153
MP-383-E	Coast live oak	06-11"	Yes	2	19-24'	-	Yes	Yes	ROW	37.448038	-122.17148
MP-384-E	California black walnut	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.448033	-122.17146
MP-385-E	Coast live oak	24-30"	Yes	5	14-18'	-	Yes	Yes	ROW	37.447923	-122.1713
MP-386-E	Coast live oak	06-11"	No	1	24-29'	-	Yes	25%	ROW	37.447915	-122.17125
MP-387-E	Coast live oak	06-11"	No	4	19-24'	-	Yes	Yes	ROW	37.44786	-122.17121
MP-388-E	Coast live oak	06-11"	No	3	19-24'	-	Yes	Yes	ROW	37.447851	-122.17119

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
MP-389-E	English walnut	18-23"	Yes	3	19-24'	-	Yes	Yes	ROW	37.44782	-122.17111
MP-390-E	Coast live oak	36-41"	Yes	4	19-24'	-	Yes	Yes	ROW	37.447785	-122.17107
MP-391-E	Coast live oak	12-17"	Yes	1	19-24'	-	Yes	Yes	ROW	37.44777	-122.17103
MP-392-E	Coast live oak	24-30"	Yes	5	-	14-18'	Yes	No	ROW	37.447784	-122.17099
MP-393-E	Plum	12-17"	No	1	24-29'	-	Yes	25%	ROW	37.447707	-122.17094
MP-394-E	Coast live oak	30-35"	Yes	2	24-29'	-	Yes	25%	ROW	37.447655	-122.17086
MP-395-E	English walnut	06-11"	No	2	24-29'	-	Yes	25%	ROW	37.447635	-122.17082
MP-396-E	Coast live oak	12-17"	Yes	2	19-24'	-	Yes	Yes	ROW	37.447597	-122.17077
MP-397-E	Coast live oak	24-30"	Yes	5	19-24'	-	Yes	Yes	ROW	37.447601	-122.17076
MP-398-E	English walnut	24-30"	Yes	3	24-29'	-	Yes	25%	ROW	37.447505	-122.17063
MP-399-E	Coast live oak	30-35"	Yes	3	24-29'	-	Yes	25%	Public	37.447402	-122.17044
MP-400-E	Coast live oak	30-35"	Yes	4	24-29'	-	Yes	25%	Public	37.447387	-122.17043
MP-401-E	Willow	24-30"	Yes	3	-	19-24'	Yes	No	Public	37.447391	-122.17039
MP-1-W	American elm	24-30"	Yes	4	-	19-24'	Yes	No	Private	37.461697	-122.19349
MP-2-W	Valley oak	30-35"	Yes	4	-	14-18'	Yes	No	Private	37.461686	-122.19346
MP-3-W	Coast Redwood	12-17"	No	5	-	24-29'	No	No	ROW	37.46163	-122.19335
MP-4-W	Coast Redwood	06-11"	No	5	-	24-29'	No	No	ROW	37.461599	-122.19331
MP-5-W	Coast Redwood	06-11"	No	4	-	24-29'	No	No	ROW	37.461575	-122.19326
MP-6-W	Coast Redwood	06-11"	No	4	-	24-29'	No	No	ROW	37.461565	-122.19325
MP-7-W	Coast Redwood	12-17"	No	5	-	24-29'	No	No	ROW	37.461557	-122.19324
MP-8-W	Coast Redwood	06-11"	No	5	-	24-29'	No	No	Private	37.461545	-122.19322
MP-9-W	Coast Redwood	06-11"	No	5	-	24-29'	No	No	ROW	37.461531	-122.1932
MP-10-W	Coast Redwood	06-11"	No	5	-	24-29'	No	No	ROW	37.461523	-122.19319
MP-11-W	Coast Redwood	12-17"	No	5	-	24-29'	No	No	ROW	37.461511	-122.19318
MP-12-W	Coast Redwood	06-11"	No	5	-	24-29'	No	No	ROW	37.461489	-122.19315
MP-13-W	American elm	18-23"	Yes	3	-	19-24'	Yes	No	Public	37.461476	-122.19313
MP-14-W	American elm	12-17"	No	3	-	09-13'	Yes	No	ROW	37.461457	-122.19309
MP-15-W	Valley oak	12-17"	Yes	3	-	19-24'	Yes	No	ROW	37.461439	-122.19307
MP-16-W	Blackwood acacia	12-17"	No	2	-	19-24'	Yes	No	Public	37.461386	-122.19299
MP-17-W	Japanese maple	12-17"	No	4	-	19-24'	Yes	No	Public	37.461333	-122.1929
MP-18-W	California black walnut	12-17"	No	3	-	19-24'	Yes	No	Private	37.461269	-122.19279
MP-19-W	Coast Live Oak	12-17"	Yes	2	24-29'	-	Yes	25%	ROW	37.461184	-122.19261

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
MP-20-W	Coast Live Oak	12-17"	Yes	2	24-29'	-	Yes	25%	ROW	37.461172	-122.19258
MP-21-W	Valley oak	06-11"	No	3	-	24-29'	No	No	ROW	37.461128	-122.19256
MP-22-W	Coast Live Oak	06-11"	No	4	24-29'	-	Yes	25%	ROW	37.461135	-122.1925
MP-23-W	Coast Live Oak	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.461104	-122.19244
MP-24-W	American elm	06-11"	No	3	-	19-24'	Yes	No	ROW	37.461069	-122.19246
MP-25-W	American elm	12-17"	No	2	-	14-18'	Yes	No	ROW	37.461043	-122.19245
MP-26-W	American elm	18-23"	Yes	3	-	14-18'	Yes	No	ROW	37.46103	-122.19241
MP-27-W	American elm	12-17"	No	3	-	14-18'	Yes	No	ROW	37.461021	-122.19238
MP-28-W	Coast Live Oak	24-30"	Yes	4	-	14-18'	Yes	No	Private	37.460989	-122.19233
MP-29-W	Coast Live Oak	18-23"	Yes	3	-	14-18'	Yes	No	Private	37.460969	-122.19231
MP-30-W	Silver dollar gum	18-23"	Yes	2	-	14-18'	Yes	No	Private	37.46089	-122.19219
MP-31-W	Coast Live Oak	06-11"	No	4	24-29'	-	Yes	25%	ROW	37.460871	-122.19211
MP-32-W	Silver dollar gum	12-17"	No	3	-	24-29'	No	No	Public	37.460815	-122.19208
MP-33-W	Silver dollar gum	18-23"	Yes	3	-	19-24'	Yes	No	Public	37.460792	-122.19207
MP-34-W	Silver dollar gum	06-11"	No	2	-	24-29'	No	No	Public	37.460782	-122.19202
MP-35-W	Hollywood juniper	06-11"	No	3	-	19-24'	Yes	No	Public	37.460764	-122.19199
MP-36-W	Silver dollar gum	18-23"	Yes	2	-	24-29'	No	No	Public	37.460756	-122.19198
MP-37-W	Coast Live Oak	06-11"	Yes	3	19-24'	-	Yes	Yes	ROW	37.460786	-122.19196
MP-38-W	Idaho locust	24-30"	Yes	2	-	19-24'	Yes	No	Public	37.460742	-122.19196
MP-39-W	Silver dollar gum	12-17"	No	2	-	19-24'	Yes	No	Public	37.460729	-122.19194
MP-40-W	Silver dollar gum	12-17"	No	2	-	19-24'	Yes	No	Public	37.460717	-122.19192
MP-41-W	Silver dollar gum	30-35"	Yes	2	-	19-24'	Yes	No	Public	37.460695	-122.19188
MP-42-W	Silver dollar gum	30-35"	Yes	2	-	19-24'	Yes	No	Public	37.460683	-122.19187
MP-43-W	Silver dollar gum	12-17"	Yes	2	-	19-24'	Yes	No	Public	37.460683	-122.19185
MP-44-W	Silver dollar gum	12-17"	No	2	-	14-18'	Yes	No	Public	37.460656	-122.19182
MP-45-W	Silver dollar gum	12-17"	Yes	2	-	14-18'	Yes	No	Public	37.460648	-122.1918
MP-46-W	Coast Live Oak	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.460671	-122.19179
MP-47-W	Silver dollar gum	12-17"	No	2	-	24-29'	No	No	Public	37.460617	-122.19176
MP-48-W	Silver dollar gum	12-17"	Yes	2	-	19-24'	Yes	No	Public	37.460593	-122.19172
MP-49-W	Silver dollar gum	12-17"	Yes	2	-	19-24'	Yes	No	Public	37.460577	-122.19168
MP-50-W	Silver dollar gum	12-17"	Yes	2	-	24-29'	No	No	Public	37.460557	-122.19164
MP-51-W	Silver dollar gum	24-30"	Yes	2	-	19-24'	Yes	No	Public	37.46054	-122.19162

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
MP-52-W	Silver dollar gum	18-23"	Yes	2	-	19-24'	Yes	No	Public	37.460522	-122.1916
MP-53-W	Silver dollar gum	18-23"	Yes	2	-	14-18'	Yes	No	Public	37.460499	-122.19158
MP-54-W	Silver dollar gum	18-23"	Yes	3	-	24-29'	No	No	Public	37.460487	-122.19155
MP-55-W	Silver dollar gum	06-11"	No	2	-	19-24'	Yes	No	Public	37.460468	-122.19152
MP-56-W	Silver dollar gum	18-23"	No	2	-	14-18'	Yes	No	Public	37.460459	-122.1915
MP-57-W	Silver dollar gum	24-30"	Yes	3	-	19-24'	Yes	No	Public	37.460427	-122.19146
MP-58-W	Coast Live Oak	06-11"	No	3	24-29'	-	Yes	25%	Private	37.46045	-122.19142
MP-59-W	Cork screw willow	06-11"	No	2	-	19-24'	Yes	No	Public	37.460399	-122.19142
MP-60-W	Coast Live Oak	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.4604	-122.19133
MP-61-W	Coast Live Oak	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.460367	-122.19129
MP-62-W	Coast Live Oak	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.460339	-122.19126
MP-63-W	Coast Live Oak	42" or greater	Yes	4	-	04-08'	Yes	No	Private	37.460268	-122.19121
MP-64-W	Portuguese laurel	06-11"	No	3	-	24-29'	No	No	Private	37.460172	-122.19104
MP-65-W	Monterey pine	30-35"	Yes	3	-	09-13'	Yes	No	Private	37.460119	-122.19097
MP-66-W	Monterey pine	30-35"	Yes	3	-	09-13'	Yes	No	Private	37.460092	-122.19091
MP-67-W	Monterey pine	30-35"	Yes	3	-	04-08'	Yes	No	Private	37.460039	-122.19084
MP-68-W	Monterey pine	24-30"	Yes	2	-	19-24'	Yes	No	Private	37.459982	-122.19073
MP-69-W	Monterey pine	18-23"	Yes	3	-	19-24'	Yes	No	Private	37.459962	-122.19071
MP-70-W	Monterey pine	18-23"	Yes	3	-	19-24'	Yes	No	Private	37.459938	-122.19067
MP-71-W	Monterey pine	12-17"	No	2	-	19-24'	Yes	No	Private	37.459912	-122.19063
MP-72-W	Coast Live Oak	24-30"	Yes	3	-	04-08'	Yes	No	Public	37.459889	-122.1906
MP-73-W	Monterey pine	24-30"	Yes	2	-	24-29'	No	No	Private	37.459861	-122.19056
MP-74-W	Monterey pine	18-23"	Yes	3	-	14-18'	Yes	No	Private	37.459832	-122.19051
MP-75-W	Monterey pine	18-23"	Yes	2	-	14-18'	Yes	No	Private	37.459803	-122.19046
MP-76-W	Monterey pine	24-30"	Yes	3	-	14-18'	Yes	No	Private	37.45977	-122.1904
MP-77-W	Monterey pine	24-30"	Yes	3	-	24-29'	No	No	Private	37.459693	-122.19029
MP-78-W	Coast Live Oak	24-30"	Yes	3	-	14-18'	Yes	No	Private	37.45957	-122.1901
MP-79-W	Monterey pine	30-35"	Yes	3	-	24-29'	No	No	Private	37.459037	-122.18928
MP-80-W	Canary Island palm	42" or greater	Yes	4	24-29'	-	Yes	25%	ROW	37.458899	-122.18898
MP-81-W	Coast Live Oak	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.458839	-122.18889
MP-82-W	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	Private	37.458829	-122.18887

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
MP-83-W	Coast Live Oak	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.458824	-122.18885
MP-84-W	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.4588	-122.18881
MP-85-W	Coast Live Oak	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.458769	-122.18878
MP-86-W	Tree of Heaven	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.458716	-122.18871
MP-87-W	Coast Live Oak	42" or greater	Yes	5	-	19-24'	Yes	No	Private	37.458556	-122.1885
MP-88-W	Coast Live Oak	36-41"	Yes	5	-	19-24'	Yes	No	Private	37.458457	-122.18835
MP-89-W	Coast Live Oak	12-17"	Yes	4	-	14-18'	Yes	No	ROW	37.45833	-122.18812
MP-90-W	Coast Live Oak	12-17"	Yes	3	-	24-29'	No	No	ROW	37.458312	-122.1881
MP-91-W	Coast Live Oak	24-30"	Yes	5	-	24-29'	No	No	ROW	37.458291	-122.18808
MP-92-W	Coast Live Oak	12-17"	Yes	4	19-24'	-	Yes	Yes	ROW	37.458161	-122.1878
MP-93-W	Tree of Heaven	30-35"	Yes	4	-	19-24'	Yes	No	ROW	37.45784	-122.18735
MP-94-W	Tree of Heaven	30-35"	No	4	-	19-24'	Yes	No	ROW	37.457322	-122.18656
MP-95-W	Tree of Heaven	12-17"	No	3	14-18'	-	Yes	Yes	ROW	37.457201	-122.18624
MP-96-W	Valley oak	30-35"	Yes	4	19-24'	-	Yes	Yes	Private	37.456776	-122.1856
MP-97-W	Blackwood acacia	06-11"	No	4	24-29'	-	Yes	25%	Private	37.456613	-122.18532
MP-98-W	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	Private	37.4566	-122.18534
MP-99-W	Valley oak	24-30"	Yes	3	-	24-29'	No	No	Private	37.456543	-122.18531
MP-100-W	Coast Live Oak	36-41"	Yes	4	24-29'	-	Yes	25%	Private	37.456343	-122.18492
MP-101-W	Coast Redwood	42" or greater	Yes	4	14-18'	-	Yes	Yes	Public	37.455735	-122.18393
MP-102-W	Coast Live Oak	18-23"	Yes	4	14-18'	-	Yes	Yes	Public	37.455621	-122.18374
MP-103-W	London Plane	12-17"	No	3	-	24-29'	No	No	Public	37.455446	-122.18357
MP-104-W	Callery pear	12-17"	Yes	3	-	14-18'	Yes	No	ROW	37.455314	-122.18337
MP-105-W	London Plane	06-11"	No	4	19-24'	-	Yes	Yes	ROW	37.455303	-122.18326
MP-106-W	London Plane	06-11"	No	4	19-24'	-	Yes	Yes	ROW	37.455238	-122.18315
MP-107-W	London Plane	06-11"	No	3	19-24'	-	Yes	Yes	ROW	37.455176	-122.18305
MP-108-W	London Plane	06-11"	No	4	19-24'	-	Yes	Yes	ROW	37.455098	-122.18294
MP-109-W	London Plane	06-11"	No	4	19-24'	-	Yes	Yes	ROW	37.455041	-122.18286
MP-110-W	London Plane	06-11"	No	4	19-24'	-	Yes	Yes	ROW	37.454981	-122.18273
MP-111-W	London Plane	24-30"	Yes	5	19-24'	-	Yes	Yes	ROW	37.454524	-122.18201
MP-112-W	London Plane	12-17"	Yes	5	19-24'	-	Yes	Yes	ROW	37.45448	-122.18192
MP-113-W	London Plane	12-17"	No	4	19-24'	-	Yes	Yes	ROW	37.454405	-122.18183

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
MP-114-W	London Plane	12-17"	No	5	19-24'	-	Yes	Yes	ROW	37.454337	-122.18173
MP-115-W	London Plane	12-17"	No	4	19-24'	-	Yes	Yes	ROW	37.45427	-122.18162
MP-116-W	London Plane	06-11"	No	4	19-24'	-	Yes	Yes	ROW	37.454204	-122.18153
MP-117-W	Holly Oak	12-17"	Yes	4	-	19-24'	Yes	No	Public	37.453717	-122.18084
MP-118-W	Holly Oak	12-17"	Yes	5	24-29'	-	Yes	25%	ROW	37.45354	-122.18048
MP-119-W	Aleppo pine	24-30"	Yes	4	-	04-08'	Yes	No	Private	37.453536	-122.1806
MP-120-W	Coast live oak	06-11"	No	4	24-29'	-	Yes	25%	ROW	37.453488	-122.18039
MP-121-W	Coast live oak	06-11"	No	4	24-29'	-	Yes	25%	ROW	37.453446	-122.18034
MP-122-W	Coast live oak	06-11"	No	4	24-29'	-	Yes	25%	ROW	37.45343	-122.18031
MP-123-W	London plane	12-17"	Yes	5	24-29'	-	Yes	25%	Private	37.453418	-122.1803
MP-124-W	Coast live oak	06-11"	No	5	24-29'	-	Yes	25%	ROW	37.4534	-122.18026
MP-125-W	London plane	12-17"	No	4	24-29'	-	Yes	25%	Private	37.453388	-122.18024
MP-126-W	London plane	06-11"	No	4	24-29'	-	Yes	25%	Private	37.453361	-122.18019
MP-127-W	Coast redwood	24-30"	Yes	5	24-29'	-	Yes	25%	Private	37.453323	-122.18015
MP-128-W	Coast redwood	12-17"	Yes	5	24-29'	-	Yes	25%	Private	37.453299	-122.18012
MP-129-W	Coast redwood	12-17"	Yes	5	24-29'	-	Yes	25%	Private	37.453268	-122.18006
MP-130-W	Coast redwood	18-23"	Yes	5	24-29'	-	Yes	25%	Private	37.453252	-122.18004
MP-131-W	Coast redwood	24-30"	Yes	5	24-29'	-	Yes	25%	Private	37.453226	-122.17999
MP-132-W	Tree of heaven	18-23"	Yes	4	24-29'	-	Yes	25%	ROW	37.453236	-122.17995
MP-133-W	London plane	06-11"	No	3	-	14-18'	Yes	No	Private	37.453127	-122.17989
MP-134-W	London plane	12-17"	No	4	-	14-18'	Yes	No	Private	37.453105	-122.17986
MP-135-W	London plane	06-11"	No	1	-	19-24'	Yes	No	Private	37.453076	-122.17981
MP-136-W	Tree of heaven	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.453046	-122.17972
MP-137-W	London plane	12-17"	No	3	-	19-24'	Yes	No	Private	37.452951	-122.17963
MP-138-W	London plane	06-11"	No	3	-	24-29'	No	No	Private	37.452926	-122.1796
MP-139-W	London plane	12-17"	No	4	24-29'	-	Yes	25%	Private	37.452895	-122.17951
MP-140-W	Coast live oak	06-11"	No	2	24-29'	-	Yes	25%	ROW	37.452899	-122.17948
MP-141-W	London plane	12-17"	No	3	24-29'	-	Yes	25%	Private	37.452871	-122.17945
MP-142-W	Coast redwood	18-23"	Yes	4	24-29'	-	Yes	25%	Private	37.452837	-122.17939
MP-143-W	Coast redwood	06-11"	No	3	24-29'	-	Yes	25%	Private	37.452802	-122.17934
MP-144-W	Coast redwood	12-17"	No	4	24-29'	-	Yes	25%	Private	37.452787	-122.17932
MP-145-W	Coast redwood	18-23"	Yes	4	24-29'	-	Yes	25%	Private	37.45277	-122.17928

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
MP-146-W	Coast redwood	12-17"	No	4	24-29'	-	Yes	25%	Private	37.452752	-122.17926
MP-147-W	London plane	06-11"	No	3	24-29'	-	Yes	25%	Private	37.452728	-122.17921
MP-148-W	London plane	12-17"	No	3	-	24-29'	No	No	Private	37.452676	-122.1792
MP-149-W	London plane	12-17"	No	4	-	24-29'	No	No	Private	37.452645	-122.17914
MP-150-W	London plane	06-11"	No	2	-	24-29'	No	No	Private	37.452559	-122.17902
MP-151-W	London plane	06-11"	No	3	-	24-29'	No	No	Private	37.452511	-122.17894
MP-152-W	Coast live oak	06-11"	No	5	24-29'	-	Yes	25%	ROW	37.452468	-122.17882
MP-153-W	Coast redwood	18-23"	Yes	5	24-29'	-	Yes	25%	Private	37.452436	-122.17875
MP-154-W	Coast redwood	12-17"	Yes	5	24-29'	-	Yes	25%	Private	37.452418	-122.17872
MP-155-W	Coast redwood	12-17"	Yes	5	24-29'	-	Yes	25%	Private	37.452392	-122.17868
MP-156-W	Coast redwood	18-23"	Yes	5	24-29'	-	Yes	25%	Private	37.452364	-122.17864
MP-157-W	London plane	06-11"	No	2	24-29'	-	Yes	25%	Private	37.45235	-122.17861
MP-158-W	Coast live oak	06-11"	No	4	24-29'	-	Yes	25%	ROW	37.452354	-122.17859
MP-159-W	Coast live oak	12-17"	Yes	4	24-29'	-	Yes	25%	ROW	37.452334	-122.17857
MP-160-W	Evergreen pear	06-11"	No	3	-	24-29'	No	No	Private	37.452227	-122.17848
MP-161-W	Coast redwood	06-11"	No	4	24-29'	-	Yes	25%	Private	37.452228	-122.17842
MP-162-W	Coast redwood	06-11"	No	4	24-29'	-	Yes	25%	Private	37.452209	-122.17838
MP-163-W	Coast redwood	12-17"	Yes	5	24-29'	-	Yes	25%	Private	37.452175	-122.17834
MP-164-W	Coast redwood	12-17"	Yes	4	24-29'	-	Yes	25%	Private	37.452154	-122.1783
MP-165-W	Coast redwood	18-23"	Yes	5	24-29'	-	Yes	25%	Private	37.452132	-122.17829
MP-166-W	Evergreen pear	06-11"	No	1	-	24-29'	No	No	Private	37.452111	-122.17829
MP-167-W	Italian stone pine	12-17"	No	4	24-29'	-	Yes	25%	ROW	37.452064	-122.17815
MP-168-W	Coast live oak	12-17"	Yes	5	24-29'	-	Yes	25%	Private	37.452036	-122.17812
MP-169-W	Coast redwood	18-23"	Yes	5	24-29'	-	Yes	25%	Private	37.452017	-122.17809
MP-170-W	Coast redwood	12-17"	Yes	4	24-29'	-	Yes	25%	Private	37.451996	-122.17806
MP-171-W	Coast redwood	12-17"	No	5	24-29'	-	Yes	25%	Private	37.451969	-122.17801
MP-172-W	Italian stone pine	06-11"	No	4	24-29'	-	Yes	25%	ROW	37.45191	-122.17791
MP-173-W	Italian stone pine	06-11"	No	4	24-29'	-	Yes	25%	ROW	37.451867	-122.17784
MP-174-W	Coast redwood	12-17"	No	5	24-29'	-	Yes	25%	Private	37.451804	-122.17776
MP-175-W	Coast redwood	12-17"	No	5	24-29'	-	Yes	25%	Private	37.451773	-122.1777
MP-176-W	Coast redwood	18-23"	Yes	5	24-29'	-	Yes	25%	Private	37.451739	-122.17763
MP-177-W	Coast redwood	12-17"	No	5	24-29'	-	Yes	25%	Private	37.451718	-122.17762

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
MP-178-W	Coast redwood	12-17"	No	5	24-29'	-	Yes	25%	Private	37.451694	-122.17758
MP-179-W	Coast redwood	12-17"	Yes	5	24-29'	-	Yes	25%	Private	37.451666	-122.17754
MP-180-W	Coast redwood	18-23"	Yes	5	24-29'	-	Yes	25%	Private	37.451651	-122.17751
MP-181-W	Coast live oak	06-11"	No	5	24-29'	-	Yes	25%	ROW	37.451634	-122.17746
MP-182-W	London plane	06-11"	No	3	-	19-24'	Yes	No	Private	37.451587	-122.17747
MP-183-W	Coast live oak	06-11"	No	5	24-29'	-	Yes	25%	ROW	37.4516	-122.17742
MP-184-W	London plane	06-11"	No	3	24-29'	-	Yes	25%	Private	37.451574	-122.17738
MP-185-W	London plane	06-11"	No	3	24-29'	-	Yes	25%	Private	37.451565	-122.17736
MP-186-W	Coast live oak	06-11"	No	4	24-29'	-	Yes	25%	ROW	37.451535	-122.17732
MP-187-W	Coast live oak	06-11"	No	4	24-29'	-	Yes	25%	ROW	37.451496	-122.17727
MP-188-W	Coast redwood	24-30"	Yes	5	24-29'	-	Yes	25%	Private	37.451483	-122.17725
MP-189-W	Coast redwood	18-23"	Yes	5	24-29'	-	Yes	25%	Private	37.451465	-122.17721
MP-190-W	Coast redwood	18-23"	Yes	5	24-29'	-	Yes	25%	Private	37.451432	-122.17716
MP-191-W	Coast live oak	18-23"	Yes	5	24-29'	-	Yes	25%	Private	37.451404	-122.17711
MP-192-W	London plane	06-11"	No	3	24-29'	-	Yes	25%	Private	37.451355	-122.17705
MP-193-W	Coast live oak	06-11"	No	4	24-29'	-	Yes	25%	ROW	37.451343	-122.17701
MP-194-W	Coast live oak	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.451309	-122.17697
MP-195-W	London plane	06-11"	No	3	24-29'	-	Yes	25%	Private	37.45127	-122.17692
MP-196-W	London plane	06-11"	No	3	24-29'	-	Yes	25%	Private	37.451235	-122.17686
MP-197-W	London plane	06-11"	No	3	24-29'	-	Yes	25%	Private	37.451206	-122.17681
MP-198-W	Coast redwood	18-23"	Yes	5	24-29'	-	Yes	25%	Private	37.451182	-122.17677
MP-199-W	Coast redwood	24-30"	Yes	5	24-29'	-	Yes	25%	Private	37.451165	-122.17674
MP-200-W	Coast redwood	18-23"	Yes	5	24-29'	-	Yes	25%	Private	37.451148	-122.17672
MP-201-W	Coast live oak	06-11"	No	4	24-29'	-	Yes	25%	ROW	37.45113	-122.17668
MP-202-W	Coast live oak	06-11"	Yes	4	24-29'	-	Yes	25%	ROW	37.451084	-122.17661
MP-203-W	London plane	06-11"	No	4	24-29'	-	Yes	25%	Private	37.451049	-122.17656
MP-204-W	London plane	06-11"	No	3	24-29'	-	Yes	25%	Private	37.451007	-122.1765
MP-205-W	London plane	06-11"	No	2	24-29'	-	Yes	25%	Private	37.450986	-122.17647
MP-206-W	Coast redwood	18-23"	Yes	5	24-29'	-	Yes	25%	Private	37.450964	-122.17642
MP-207-W	Coast redwood	18-23"	Yes	5	24-29'	-	Yes	25%	Private	37.450947	-122.1764
MP-208-W	London plane	06-11"	No	3	24-29'	-	Yes	25%	Private	37.450918	-122.17636
MP-209-W	Coast live oak	06-11"	No	4	24-29'	-	Yes	25%	Private	37.450919	-122.17634

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
MP-210-W	London plane	06-11"	No	4	-	19-24'	Yes	No	Private	37.450897	-122.17637
MP-211-W	Coast live oak	06-11"	No	4	24-29'	-	Yes	25%	ROW	37.450885	-122.1763
MP-212-W	Coast live oak	06-11"	Yes	4	24-29'	-	Yes	25%	ROW	37.450871	-122.17628
MP-213-W	Coast live oak	06-11"	Yes	4	24-29'	-	Yes	25%	ROW	37.450852	-122.17625
MP-214-W	Coast live oak	06-11"	Yes	2	24-29'	-	Yes	25%	ROW	37.450846	-122.17624
MP-215-W	Coast live oak	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.450818	-122.17621
MP-216-W	Coast live oak	06-11"	Yes	3	24-29'	-	Yes	25%	ROW	37.450801	-122.17619
MP-217-W	Coast live oak	12-17"	Yes	4	24-29'	-	Yes	25%	ROW	37.450794	-122.17617
MP-218-W	Coast live oak	12-17"	Yes	4	24-29'	-	Yes	25%	ROW	37.450769	-122.17614
MP-219-W	Coast live oak	18-23"	Yes	4	24-29'	-	Yes	25%	ROW	37.450747	-122.1761
MP-220-W	Coast live oak	18-23"	Yes	4	24-29'	-	Yes	25%	ROW	37.450715	-122.17606
MP-221-W	Coast live oak	18-23"	Yes	4	24-29'	-	Yes	25%	ROW	37.450696	-122.17603
MP-222-W	Coast live oak	12-17"	Yes	4	24-29'	-	Yes	25%	Private	37.450659	-122.17597
MP-223-W	Coast live oak	12-17"	Yes	2	24-29'	-	Yes	25%	ROW	37.450638	-122.17594
MP-224-W	Coast live oak	12-17"	Yes	5	24-29'	-	Yes	25%	ROW	37.450623	-122.17592
MP-225-W	Coast live oak	06-11"	Yes	4	24-29'	-	Yes	25%	ROW	37.450618	-122.17588
MP-226-W	Coast live oak	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.45059	-122.17586
MP-227-W	Coast live oak	18-23"	Yes	4	24-29'	-	Yes	25%	ROW	37.450589	-122.17583
MP-228-W	Coast live oak	12-17"	Yes	4	24-29'	-	Yes	25%	ROW	37.450572	-122.17581
MP-229-W	Coast live oak	24-30"	Yes	4	24-29'	-	Yes	25%	ROW	37.450543	-122.17577
MP-230-W	Coast live oak	24-30"	Yes	4	24-29'	-	Yes	25%	ROW	37.450525	-122.17575
MP-231-W	Valley oak	12-17"	Yes	4	24-29'	-	Yes	25%	ROW	37.450497	-122.17571
MP-232-W	Coast live oak	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.450488	-122.17569
MP-233-W	Coast live oak	12-17"	Yes	4	24-29'	-	Yes	25%	ROW	37.450461	-122.17566
MP-234-W	Coast live oak	06-11"	Yes	4	24-29'	-	Yes	25%	ROW	37.450431	-122.1756
MP-235-W	Coast live oak	18-23"	Yes	3	24-29'	-	Yes	25%	ROW	37.450413	-122.17556
MP-236-W	Coast live oak	24-30"	Yes	4	24-29'	-	Yes	25%	ROW	37.450391	-122.17554
MP-237-W	Coast live oak	24-30"	Yes	3	24-29'	-	Yes	25%	ROW	37.450346	-122.17546
MP-238-W	Coast live oak	24-30"	Yes	4	24-29'	-	Yes	25%	ROW	37.450312	-122.17543
MP-239-W	Coast live oak	30-35"	Yes	4	24-29'	-	Yes	25%	ROW	37.45033	-122.17542
MP-240-W	Coast live oak	18-23"	Yes	5	24-29'	-	Yes	25%	ROW	37.45029	-122.17535
MP-241-W	Coast live oak	06-11"	No	5	24-29'	-	Yes	25%	ROW	37.450245	-122.17528

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
MP-242-W	Coast live oak	18-23"	Yes	4	24-29'	-	Yes	25%	ROW	37.450226	-122.17526
MP-243-W	Coast live oak	18-23"	Yes	3	24-29'	-	Yes	25%	ROW	37.450194	-122.1752
MP-244-W	California bay	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.450159	-122.17515
MP-245-W	Coast live oak	18-23"	Yes	4	24-29'	-	Yes	25%	ROW	37.450128	-122.17512
MP-246-W	Coast Live Oak	18-23"	Yes	4	24-29'	-	Yes	25%	ROW	37.450104	-122.17509
MP-247-W	Coast Live Oak	18-23"	Yes	4	24-29'	-	Yes	25%	ROW	37.450088	-122.17506
MP-248-W	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.450068	-122.17503
MP-249-W	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.450063	-122.17502
MP-250-W	Coast Live Oak	18-23"	Yes	3	24-29'	-	Yes	25%	ROW	37.450042	-122.17499
MP-251-W	Coast Live Oak	06-11"	No	3	19-24'	-	Yes	Yes	ROW	37.450046	-122.17495
MP-252-W	Coast Live Oak	12-17"	No	3	24-29'	-	Yes	25%	ROW	37.450017	-122.17495
MP-253-W	Coast Live Oak	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.450003	-122.17493
MP-254-W	Coast Live Oak	06-11"	Yes	4	24-29'	-	Yes	25%	ROW	37.449994	-122.17491
MP-255-W	Coast Live Oak	06-11"	Yes	3	24-29'	-	Yes	25%	ROW	37.449975	-122.17488
MP-256-W	Coast Live Oak	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.449961	-122.17486
MP-257-W	Coast Live Oak	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.449955	-122.17485
MP-258-W	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.449946	-122.17484
MP-259-W	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.449937	-122.17482
MP-260-W	Coast Live Oak	18-23"	Yes	3	24-29'	-	Yes	25%	ROW	37.449926	-122.1748
MP-261-W	Coast Live Oak	06-11"	No	2	24-29'	-	Yes	25%	ROW	37.449921	-122.1748
MP-262-W	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.449917	-122.17479
MP-263-W	Coast Live Oak	18-23"	Yes	3	14-18'	-	Yes	Yes	ROW	37.449904	-122.17473
MP-264-W	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.449873	-122.17472
MP-265-W	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.44986	-122.1747
MP-266-W	Coast Live Oak	18-23"	Yes	4	24-29'	-	Yes	25%	ROW	37.449845	-122.17468
MP-267-W	Coast Live Oak	06-11"	No	2	24-29'	-	Yes	25%	ROW	37.449835	-122.17466
MP-268-W	Coast Live Oak	12-17"	Yes	4	19-24'	-	Yes	Yes	ROW	37.449832	-122.1746
MP-269-W	Coast Live Oak	18-23"	Yes	4	19-24'	-	Yes	Yes	ROW	37.44981	-122.1746
MP-270-W	Coast Live Oak	06-11"	No	2	24-29'	-	Yes	25%	ROW	37.449804	-122.17461
MP-271-W	Coast Live Oak	06-11"	No	4	24-29'	-	Yes	25%	ROW	37.449718	-122.17447
MP-272-W	Coast Live Oak	12-17"	Yes	4	24-29'	-	Yes	25%	ROW	37.449696	-122.17444
MP-273-W	Canary Island palm	42" or greater	Yes	4	14-18'	-	Yes	Yes	ROW	37.449686	-122.17438

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
MP-274-W	Coast Live Oak	12-17"	No	3	24-29'	-	Yes	25%	ROW	37.449664	-122.17439
MP-275-W	Coast Live Oak	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.44964	-122.17436
MP-276-W	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.449597	-122.17428
MP-277-W	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.449578	-122.17425
MP-278-W	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.449566	-122.17423
MP-279-W	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.449549	-122.1742
MP-280-W	Coast Live Oak	12-17"	Yes	3	19-24'	-	Yes	Yes	ROW	37.449532	-122.17416
MP-281-W	Coast Live Oak	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.449515	-122.17416
MP-282-W	Coast Live Oak	06-11"	No	3	19-24'	-	Yes	Yes	ROW	37.449505	-122.17411
MP-283-W	Coast Live Oak	12-17"	No	3	19-24'	-	Yes	Yes	ROW	37.44949	-122.17409
MP-284-W	Coast Live Oak	18-23"	Yes	3	24-29'	-	Yes	25%	ROW	37.449448	-122.17405
MP-285-W	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.449437	-122.17401
MP-286-W	Coast Live Oak	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.449419	-122.174
MP-287-W	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.449405	-122.17399
MP-288-W	Coast Live Oak	18-23"	Yes	3	19-24'	-	Yes	Yes	ROW	37.449395	-122.17397
MP-289-W	Coast Live Oak	18-23"	Yes	3	24-29'	-	Yes	25%	ROW	37.449303	-122.17382
MP-290-W	Coast Live Oak	06-11"	No	3	-	19-24'	Yes	No	ROW	37.449204	-122.17369
MP-291-W	Coast Live Oak	12-17"	No	3	-	19-24'	Yes	No	ROW	37.449189	-122.17367
MP-292-W	Evergreen ash	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.449188	-122.17364
MP-293-W	Tree of Heaven	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.449183	-122.17362
MP-294-W	Tree of Heaven	18-23"	Yes	3	14-18'	-	Yes	Yes	ROW	37.449189	-122.17358
MP-295-W	Coast Live Oak	06-11"	No	3	-	14-18'	Yes	No	ROW	37.449149	-122.17358
MP-296-W	Coast Live Oak	12-17"	Yes	2	-	14-18'	Yes	No	ROW	37.449127	-122.17358
MP-297-W	Coast Live Oak	06-11"	Yes	3	24-29'	-	Yes	25%	ROW	37.449129	-122.17354
MP-298-W	Coast Live Oak	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.449114	-122.17352
MP-299-W	Coast Live Oak	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.448963	-122.17327
MP-300-W	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.448947	-122.17325
MP-301-W	Coast Live Oak	12-17"	Yes	3	-	19-24'	Yes	No	ROW	37.448891	-122.17319
MP-302-W	Evergreen ash	12-17"	Yes	3	-	19-24'	Yes	No	ROW	37.4488	-122.17304
MP-303-W	Coast Live Oak	12-17"	Yes	3	-	19-24'	Yes	No	ROW	37.44877	-122.17301
MP-304-W	Coast Live Oak	06-11"	No	5	24-29'	-	Yes	25%	ROW	37.44734	-122.1707
MP-305-W	Blue gum	36-41"	Yes	4	09-13'	-	Yes	Yes	ROW	37.447266	-122.17051

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
MP-306-W	Blue gum	06-11"	Yes	3	19-24'	-	Yes	Yes	ROW	37.447243	-122.1705
MP-307-W	Fremont cottonwood	06-11"	No	3	19-24'	-	Yes	Yes	ROW	37.447223	-122.17048
MP-308-W	Portuguese laurel	12-17"	No	3	19-24'	-	Yes	Yes	ROW	37.447191	-122.17045
PA-1-E	Coast redwood	42" or greater	Yes	3	24-29'	-	Yes	25%	Public	37.447238	-122.1702
PA-2-E	Coast redwood	18-23"	Yes	4	24-29'	-	Yes	25%	Public	37.447202	-122.17015
PA-3-E	Coast redwood	12-17"	No	5	-	19-24'	Yes	No	Public	37.447173	-122.17006
PA-4-E	Coast redwood	12-17"	No	5	-	24-29'	No	No	Public	37.447151	-122.16999
PA-5-E	Coast redwood	12-17"	No	5	-	19-24'	Yes	No	Public	37.447123	-122.16998
PA-6-E	Coast redwood	12-17"	No	5	-	19-24'	Yes	No	Public	37.447102	-122.16994
PA-7-E	Coast redwood	12-17"	No	5	24-29'	-	Yes	25%	Public	37.447057	-122.1699
PA-8-E	Coast redwood	42" or greater	Yes	4	-	24-29'	No	No	Public	37.446934	-122.16967
PA-9-E	Coast live oak	24-30"	Yes	3	-	24-29'	No	No	Public	37.447212	-122.17005
PA-10-E	Tree of Heaven	12-17"	No	3	19-24'	-	Yes	Yes	Public	37.446625	-122.16922
PA-11-E	Coast Redwood	42" or greater	Yes	3	-	19-24'	Yes	No	Public	37.446577	-122.16909
PA-12-E	Coast Redwood	12-17"	No	3	-	24-29'	No	No	Public	37.44653	-122.16902
PA-13-E	Coast Redwood	30-35"	Yes	3	-	19-24'	Yes	No	Public	37.44646	-122.16892
PA-14-E	Coast Live Oak	18-23"	Yes	4	24-29'	-	Yes	25%	Public	37.446409	-122.16891
PA-15-E	Coast Redwood	12-17"	No	3	-	24-29'	No	No	Public	37.446403	-122.1688
PA-16-E	Tree of Heaven	18-23"	No	3	24-29'	-	Yes	25%	Public	37.446339	-122.1688
PA-17-E	Coast Redwood	30-35"	No	3	-	24-29'	No	No	Public	37.446331	-122.16871
PA-18-E	Coast Redwood	36-41"	Yes	4	-	24-29'	No	No	Public	37.446253	-122.16858
PA-19-E	Coast Redwood	36-41"	Yes	3	-	24-29'	No	No	Public	37.446103	-122.16836
PA-20-E	Coast Redwood	24-30"	Yes	3	-	24-29'	No	No	Public	37.446079	-122.16832
PA-21-E	California pepper	12-17"	No	2	-	24-29'	No	No	Public	37.445574	-122.16763
PA-22-E	Almond	12-17"	No	3	24-29'	-	Yes	25%	ROW	37.444607	-122.16634
PA-23-E	Almond	18-23"	No	2	19-24'	-	Yes	Yes	ROW	37.44452	-122.16619
PA-24-E	Coast Live Oak	36-41"	Yes	5	24-29'	-	Yes	25%	ROW	37.444432	-122.16606
PA-25-E	Blackwood acacia	12-17"	No	3	19-24'	-	Yes	Yes	ROW	37.444393	-122.16603
PA-26-E	Coast Live Oak	30-35"	Yes	4	19-24'	-	Yes	Yes	ROW	37.444336	-122.16591
PA-27-E	Coast Live Oak	12-17"	Yes	3	19-24'	-	Yes	Yes	ROW	37.444307	-122.16587

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
PA-28-E	Deodar cedar	30-35"	No	4	-	14-18'	Yes	No	ROW	37.443754	-122.16492
PA-29-E	Deodar cedar	30-35"	No	3	-	19-24'	Yes	No	ROW	37.443738	-122.16484
PA-30-E	Deodar cedar	30-35"	No	3	-	24-29'	No	No	ROW	37.443709	-122.16475
PA-31-E	Coast Live Oak	04-11"	No	3	-	24-29'	No	No	ROW	37.443645	-122.1647
PA-32-E	Blackwood acacia	12-17"	No	3	-	24-29'	No	No	ROW	37.443637	-122.16462
PA-33-E	Deodar cedar	24-30"	No	4	-	24-29'	No	No	ROW	37.443606	-122.16458
PA-34-E	Blackwood acacia	04-11"	No	2	-	24-29'	No	No	ROW	37.44358	-122.16457
PA-35-E	Coast Live Oak	18-23"	Yes	4	-	24-29'	No	No	ROW	37.443559	-122.16453
PA-36-E	Coast Live Oak	12-17"	Yes	4	24-29'	-	Yes	25%	ROW	37.443485	-122.16455
PA-37-E	Deodar cedar	12-17"	No	3	24-29'	-	Yes	25%	ROW	37.443462	-122.16452
PA-38-E	Deodar cedar	12-17"	No	2	-	24-29'	No	No	ROW	37.443482	-122.16449
PA-39-E	Deodar cedar	04-11"	No	2	-	19-24'	Yes	No	ROW	37.443456	-122.16446
PA-40-E	Deodar cedar	12-17"	Yes	3	-	19-24'	Yes	No	ROW	37.443436	-122.16446
PA-41-E	Victorian box	04-11"	No	2	19-24'	-	Yes	Yes	ROW	37.44334	-122.16434
PA-42-E	Victorian box	04-11"	No	1	19-24'	-	Yes	Yes	ROW	37.443182	-122.1641
PA-43-E	Deodar cedar	12-17"	No	5	-	19-24'	Yes	No	ROW	37.443079	-122.16388
PA-44-E	Deodar cedar	24-30"	No	4	-	19-24'	Yes	No	ROW	37.443038	-122.16381
PA-45-E	Deodar cedar	18-23"	No	4	24-29'	-	Yes	25%	Public	37.442769	-122.16342
PA-46-E	Tree of Heaven	24-30"	No	4	24-29'	-	Yes	25%	ROW	37.442691	-122.1633
PA-47-E	Tree of Heaven	04-11"	No	3	24-29'	-	Yes	25%	ROW	37.442673	-122.16327
PA-48-E	Tree of Heaven	04-11"	No	3	24-29'	-	Yes	25%	ROW	37.442644	-122.16324
PA-49-E	Coast Live Oak	18-23"	Yes	4	24-29'	-	Yes	25%	ROW	37.442532	-122.16308
PA-50-E	Tree of Heaven	12-17"	No	3	24-29'	-	Yes	25%	ROW	37.442465	-122.16297
PA-51-E	Valley oak	04-11"	No	3	24-29'	-	Yes	25%	ROW	37.442387	-122.16282
PA-52-E	Juniper sp.	04-11"	No	1	19-24'	-	Yes	Yes	ROW	37.442255	-122.16267
PA-53-E	Juniper sp.	04-11"	No	1	24-29'	-	Yes	25%	ROW	37.442244	-122.16261
PA-54-E	Coast Live Oak	12-17"	Yes	5	19-24'	-	Yes	Yes	ROW	37.442195	-122.16256
PA-55-E	Tree of Heaven	12-17"	No	3	19-24'	-	Yes	Yes	ROW	37.442162	-122.16251
PA-56-E	Tree of Heaven	12-17"	No	3	24-29'	-	Yes	25%	ROW	37.442156	-122.16245
PA-57-E	Tree of Heaven	18-23"	No	3	-	14-18'	Yes	No	ROW	37.442161	-122.1624
PA-58-E	Tree of Heaven	12-17"	No	3	-	14-18'	Yes	No	ROW	37.442135	-122.16238
PA-59-E	Tree of Heaven	24-30"	No	4	-	14-18'	Yes	No	ROW	37.442078	-122.16229

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
PA-60-E	Coast Live Oak	24-30"	Yes	5	-	14-18'	Yes	No	ROW	37.441992	-122.16212
PA-61-E	Tree of Heaven	04-11"	No	3	24-29'	-	Yes	25%	ROW	37.441868	-122.16199
PA-62-E	Tree of Heaven	04-11"	No	4	24-29'	-	Yes	25%	ROW	37.441817	-122.16193
PA-63-E	Tree of Heaven	12-17"	No	4	24-29'	-	Yes	25%	ROW	37.441692	-122.1617
PA-64-E	Almond	12-17"	No	3	24-29'	-	Yes	25%	ROW	37.441635	-122.16158
PA-65-E	Tree of Heaven	24-30"	No	3	24-29'	-	Yes	25%	ROW	37.441599	-122.16152
PA-66-E	Tree of Heaven	04-11"	No	4	24-29'	-	Yes	25%	ROW	37.441568	-122.16147
PA-67-E	Tree of Heaven	04-11"	No	3	24-29'	-	Yes	25%	ROW	37.441536	-122.16141
PA-68-E	Tree of Heaven	18-23"	No	3	24-29'	-	Yes	25%	ROW	37.441495	-122.16135
PA-69-E	Portuguese laurel	04-11"	No	3	24-29'	-	Yes	25%	ROW	37.441356	-122.16106
PA-70-E	Tree of Heaven	12-17"	No	3	24-29'	-	Yes	25%	ROW	37.441309	-122.16098
PA-71-E	Coast Live Oak	24-30"	Yes	4	-	19-24'	Yes	No	ROW	37.441289	-122.16086
PA-72-E	Coast Live Oak	36-41"	Yes	4	-	24-29'	No	No	Public	37.441265	-122.16073
PA-73-E	Coast Live Oak	30-35"	Yes	4	-	24-29'	No	No	Public	37.441181	-122.16058
PA-74-E	Coast Live Oak	12-17"	Yes	3	-	24-29'	No	No	Public	37.440951	-122.16021
PA-75-E	Tree of Heaven	04-11"	No	3	-	19-24'	Yes	No	Public	37.440861	-122.16008
PA-76-E	Coast Live Oak	04-11"	No	3	-	19-24'	Yes	No	Public	37.440832	-122.16005
PA-77-E	Coast Live Oak	04-11"	No	3	-	19-24'	Yes	No	Public	37.440831	-122.16002
PA-78-E	Tree of Heaven	04-11"	No	3	-	24-29'	No	No	Public	37.440834	-122.16
PA-79-E	Tree of Heaven	04-11"	No	3	-	19-24'	Yes	No	Public	37.440774	-122.1599
PA-80-E	Coast Live Oak	24-30"	Yes	4	-	24-29'	No	No	Public	37.440763	-122.1599
PA-81-E	Tree of Heaven	04-11"	No	3	-	24-29'	No	No	Public	37.440724	-122.15984
PA-82-E	Coast Live Oak	04-11"	No	3	-	19-24'	Yes	No	Public	37.440692	-122.15979
PA-83-E	Coast Live Oak	18-23"	Yes	4	-	19-24'	Yes	No	Public	37.440667	-122.15974
PA-84-E	Coast Live Oak	18-23"	Yes	3	-	24-29'	No	No	Public	37.440632	-122.15969
PA-85-E	California pepper	30-35"	No	3	-	19-24'	Yes	No	Public	37.440606	-122.15964
PA-86-E	Coast Live Oak	12-17"	Yes	3	-	19-24'	Yes	No	Public	37.440579	-122.1596
PA-87-E	Coast Live Oak	36-41"	Yes	4	-	19-24'	Yes	No	Public	37.440563	-122.15956
PA-88-E	Coast Live Oak	18-23"	Yes	3	-	14-18'	Yes	No	Public	37.440536	-122.15952
PA-89-E	Coast Live Oak	12-17"	No	3	-	14-18'	Yes	No	Public	37.440514	-122.15949
PA-90-E	Coast Live Oak	12-17"	Yes	3	-	19-24'	Yes	No	Public	37.440498	-122.15946
PA-91-E	Coast Live Oak	12-17"	Yes	3	-	19-24'	Yes	No	Public	37.44048	-122.15943

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
PA-92-E	Coast Live Oak	30-35"	Yes	3	-	19-24'	Yes	No	Public	37.440457	-122.15939
PA-93-E	Tree of Heaven	12-17"	No	3	-	19-24'	Yes	No	Public	37.440436	-122.15936
PA-94-E	Coast Live Oak	04-11"	No	2	24-29'	-	Yes	25%	Public	37.440414	-122.15936
PA-95-E	Tree of Heaven	04-11"	No	3	-	24-29'	No	No	Public	37.44042	-122.15933
PA-96-E	Coast Live Oak	24-30"	Yes	3	24-29'	-	Yes	25%	Public	37.440398	-122.15933
PA-97-E	Coast Live Oak	12-17"	Yes	2	-	19-24'	Yes	No	Public	37.440375	-122.15924
PA-98-E	Coast Live Oak	04-11"	No	3	-	14-18'	Yes	No	Public	37.440375	-122.15921
PA-99-E	Coast Live Oak	12-17"	Yes	2	-	24-29'	No	No	Public	37.440355	-122.15921
PA-100-E	Coast Live Oak	18-23"	Yes	4	-	24-29'	No	No	Public	37.44034	-122.15919
PA-101-E	Coast Live Oak	04-11"	No	2	-	24-29'	No	No	Public	37.440331	-122.15916
PA-102-E	Tree of Heaven	04-11"	No	3	-	19-24'	Yes	No	Public	37.440338	-122.15912
PA-103-E	Tree of Heaven	04-11"	No	2	-	19-24'	Yes	No	Public	37.440307	-122.1591
PA-104-E	Tree of Heaven	04-11"	No	3	-	19-24'	Yes	No	Public	37.440295	-122.1591
PA-105-E	Tree of Heaven	12-17"	No	3	-	19-24'	Yes	No	Public	37.440278	-122.15908
PA-106-E	Tree of Heaven	12-17"	No	3	-	19-24'	Yes	No	Public	37.440269	-122.15906
PA-107-E	Tree of Heaven	04-11"	No	3	-	24-29'	No	No	Public	37.440264	-122.15905
PA-108-E	Tree of Heaven	04-11"	No	3	24-29'	-	Yes	25%	Public	37.440238	-122.15907
PA-109-E	Tree of Heaven	12-17"	No	3	24-29'	-	Yes	25%	Public	37.440226	-122.15905
PA-110-E	Tree of Heaven	24-30"	No	3	24-29'	-	Yes	25%	Public	37.440211	-122.15903
PA-111-E	Coast Live Oak	12-17"	Yes	2	-	19-24'	Yes	No	Public	37.440221	-122.159
PA-112-E	Tree of Heaven	30-35"	No	3	-	19-24'	Yes	No	Public	37.440213	-122.15899
PA-113-E	Tree of Heaven	12-17"	No	3	24-29'	-	Yes	25%	Public	37.440188	-122.159
PA-114-E	Tree of Heaven	12-17"	No	2	-	19-24'	Yes	No	Public	37.440196	-122.15895
PA-115-E	Tree of Heaven	24-30"	No	3	-	19-24'	Yes	No	Public	37.440189	-122.15893
PA-116-E	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	Public	37.440154	-122.15895
PA-117-E	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	Public	37.440154	-122.15893
PA-118-E	Tree of Heaven	04-11"	No	3	24-29'	-	Yes	25%	Public	37.440143	-122.15893
PA-119-E	Tree of Heaven	04-11"	No	3	24-29'	-	Yes	25%	Public	37.44013	-122.15891
PA-120-E	Coast Live Oak	24-30"	Yes	3	-	19-24'	Yes	No	Public	37.440131	-122.15886
PA-121-E	Tree of Heaven	04-11"	No	3	24-29'	-	Yes	25%	Public	37.440111	-122.15888
PA-122-E	Tree of Heaven	24-30"	No	1	24-29'	-	Yes	25%	Public	37.440094	-122.15884
PA-123-E	Tree of Heaven	12-17"	No	2	24-29'	-	Yes	25%	Public	37.440085	-122.15883

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
PA-124-E	Tree of Heaven	12-17"	No	1	-	24-29'	No	No	Public	37.440083	-122.15879
PA-125-E	Tree of Heaven	04-11"	No	3	24-29'	-	Yes	25%	Public	37.440068	-122.1588
PA-126-E	Coast Live Oak	04-11"	No	1	24-29'	-	Yes	25%	Public	37.440057	-122.15878
PA-127-E	Tree of Heaven	04-11"	No	2	-	24-29'	No	No	Public	37.440055	-122.15875
PA-128-E	Tree of Heaven	04-11"	No	1	-	19-24'	Yes	No	Public	37.440049	-122.15873
PA-129-E	Blackwood acacia	12-17"	No	2	-	24-29'	No	No	Public	37.440033	-122.15871
PA-130-E	Blackwood acacia	04-11"	No	1	-	24-29'	No	No	Public	37.440013	-122.15865
PA-131-E	Coast Live Oak	04-11"	No	3	24-29'	-	Yes	25%	Public	37.439958	-122.15864
PA-132-E	Coast Live Oak	04-11"	No	2	-	19-24'	Yes	No	Public	37.43997	-122.15861
PA-133-E	Blackwood acacia	18-23"	No	1	-	19-24'	Yes	No	Public	37.439958	-122.15858
PA-134-E	Blackwood acacia	12-17"	No	2	-	19-24'	Yes	No	Public	37.43994	-122.15855
PA-135-E	Coast Live Oak	04-11"	No	2	-	19-24'	Yes	No	Public	37.43993	-122.15855
PA-136-E	Blackwood acacia	12-17"	No	1	-	24-29'	No	No	Public	37.43991	-122.15852
PA-137-E	Holly leaf cherry	12-17"	No	3	-	24-29'	No	No	Public	37.439886	-122.15848
PA-138-E	Coast Live Oak	36-41"	Yes	3	-	14-18'	Yes	No	Public	37.439816	-122.15836
PA-139-E	Tree of Heaven	12-17"	No	2	-	19-24'	Yes	No	Public	37.439767	-122.15829
PA-140-E	Tree of Heaven	12-17"	No	2	-	19-24'	Yes	No	Public	37.439749	-122.15826
PA-141-E	Tree of Heaven	04-11"	No	2	-	24-29'	No	No	Public	37.439731	-122.15823
PA-142-E	Glossy privet	18-23"	No	1	-	19-24'	Yes	No	Public	37.439715	-122.15821
PA-143-E	Coast Live Oak	12-17"	Yes	3	-	14-18'	Yes	No	Public	37.439705	-122.15819
PA-144-E	Tree of Heaven	04-11"	No	3	-	19-24'	Yes	No	Public	37.439693	-122.15817
PA-145-E	Glossy privet	04-11"	No	1	-	24-29'	No	No	Public	37.43969	-122.15818
PA-146-E	California black walnut	04-11"	No	2	-	24-29'	No	No	Public	37.439685	-122.15817
PA-147-E	Coast Live Oak	12-17"	Yes	3	-	19-24'	Yes	No	Public	37.439591	-122.15801
PA-148-E	California black walnut	04-11"	No	2	-	24-29'	No	No	Public	37.439569	-122.15797
PA-149-E	Glossy privet	18-23"	No	3	-	19-24'	Yes	No	Public	37.43953	-122.15791
PA-150-E	Glossy privet	04-11"	No	2	-	19-24'	Yes	No	Public	37.439455	-122.15779
PA-151-E	Tree of Heaven	12-17"	No	3	-	19-24'	Yes	No	Public	37.439402	-122.15771
PA-152-E	Tree of Heaven	18-23"	No	3	-	19-24'	Yes	No	Public	37.439396	-122.15769
PA-153-E	Tree of Heaven	18-23"	No	3	-	19-24'	Yes	No	Public	37.439392	-122.15769
PA-154-E	Tree of Heaven	24-30"	No	3	-	14-18'	Yes	No	Public	37.439379	-122.15767
PA-155-E	Tree of Heaven	24-30"	No	3	-	14-18'	Yes	No	Public	37.439339	-122.1576

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
PA-156-E	Holly leaf cherry	04-11"	No	3	-	24-29'	No	No	Public	37.439321	-122.15757
PA-157-E	Almond	12-17"	No	1	-	24-29'	No	No	Public	37.439153	-122.1573
PA-158-E	California black walnut	18-23"	No	2	-	24-29'	No	No	Public	37.439131	-122.15727
PA-159-E	Holly leaf cherry	04-11"	No	3	-	19-24'	Yes	No	Public	37.439113	-122.15725
PA-160-E	Coast Live Oak	18-23"	Yes	3	-	19-24'	Yes	No	Public	37.438962	-122.15699
PA-161-E	Coast Live Oak	24-30"	Yes	3	24-29'	-	Yes	25%	ROW	37.438927	-122.15699
PA-162-E	Coast Live Oak	04-11"	No	3	-	24-29'	No	No	Public	37.438881	-122.15688
PA-163-E	Coast Live Oak	18-23"	Yes	3	-	19-24'	Yes	No	Public	37.438871	-122.15686
PA-164-E	Coast Live Oak	04-11"	No	3	24-29'	-	Yes	25%	ROW	37.438799	-122.15679
PA-165-E	California black walnut	12-17"	No	2	-	24-29'	No	No	Public	37.438766	-122.15669
PA-166-E	California black walnut	18-23"	No	2	-	19-24'	Yes	No	Public	37.438695	-122.15658
PA-167-E	Tree of Heaven	12-17"	No	2	-	19-24'	Yes	No	Public	37.438649	-122.1565
PA-168-E	Tree of Heaven	24-30"	No	1	24-29'	-	Yes	25%	ROW	37.438046	-122.15559
PA-169-E	Holly leaf cherry	04-11"	No	3	-	19-24'	Yes	No	ROW	37.438024	-122.15553
PA-170-E	Blackwood acacia	12-17"	No	2	-	19-24'	Yes	No	Public	37.437969	-122.15543
PA-171-E	Holly leaf cherry	04-11"	No	2	-	24-29'	No	No	Public	37.437963	-122.15541
PA-172-E	Blackwood acacia	04-11"	No	2	-	14-18'	Yes	No	Public	37.437903	-122.15532
PA-173-E	Blackwood acacia	12-17"	No	3	-	14-18'	Yes	No	Public	37.437895	-122.15531
PA-174-E	Holly leaf cherry	04-11"	No	3	-	14-18'	Yes	No	Public	37.437845	-122.15524
PA-175-E	Holly leaf cherry	04-11"	No	1	-	24-29'	No	No	Public	37.437829	-122.15521
PA-176-E	Holly leaf cherry	04-11"	No	2	-	24-29'	No	No	Public	37.437819	-122.1552
PA-177-E	Holly leaf cherry	04-11"	No	1	-	19-24'	Yes	No	Public	37.437797	-122.15516
PA-178-E	Coast Live Oak	04-11"	No	3	-	24-29'	No	No	Public	37.437778	-122.15513
PA-179-E	Holly leaf cherry	04-11"	No	3	-	24-29'	No	No	Public	37.437737	-122.15506
PA-180-E	Coast Live Oak	24-30"	Yes	4	-	14-18'	Yes	No	Public	37.437705	-122.15501
PA-181-E	Valley oak	04-11"	No	1	-	24-29'	No	No	ROW	37.437698	-122.155
PA-182-E	Coast Live Oak	12-17"	Yes	3	-	19-24'	Yes	No	Public	37.437674	-122.15496
PA-183-E	Coast Live Oak	24-30"	Yes	4	24-29'	-	Yes	25%	ROW	37.437645	-122.15496
PA-184-E	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.437485	-122.1547
PA-185-E	Blackwood acacia	12-17"	No	2	-	19-24'	Yes	No	Public	37.437479	-122.15466
PA-186-E	Blackwood acacia	04-11"	No	3	-	19-24'	Yes	No	Public	37.437458	-122.15462
PA-187-E	Blackwood acacia	12-17"	No	2	-	19-24'	Yes	No	Public	37.437414	-122.15455

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
PA-188-E	Blackwood acacia	12-17"	No	2	-	19-24'	Yes	No	Public	37.437402	-122.15453
PA-189-E	Blackwood acacia	04-11"	No	1	-	19-24'	Yes	No	Public	37.437385	-122.15445
PA-190-E	Blackwood acacia	04-11"	No	2	-	24-29'	No	No	Public	37.437374	-122.15448
PA-191-E	Blackwood acacia	18-23"	No	1	-	24-29'	No	No	Public	37.437357	-122.15446
PA-192-E	Blackwood acacia	12-17"	No	1	-	24-29'	No	No	Public	37.437346	-122.15445
PA-193-E	Coast Live Oak	04-11"	No	2	24-29'	-	Yes	25%	ROW	37.437323	-122.15444
PA-194-E	Coast Live Oak	12-17"	Yes	4	24-29'	-	Yes	25%	ROW	37.437308	-122.15442
PA-195-E	Coast Live Oak	18-23"	Yes	4	24-29'	-	Yes	25%	ROW	37.437297	-122.15444
PA-196-E	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.437252	-122.15434
PA-197-E	Coast Live Oak	18-23"	Yes	4	24-29'	-	Yes	25%	ROW	37.437239	-122.15431
PA-198-E	Coast Live Oak	18-23"	Yes	3	24-29'	-	Yes	25%	ROW	37.437227	-122.15429
PA-199-E	Coast Live Oak	04-11"	No	3	24-29'	-	Yes	25%	ROW	37.437217	-122.15428
PA-200-E	Coast Live Oak	30-35"	Yes	3	24-29'	-	Yes	25%	ROW	37.437142	-122.15416
PA-201-E	Coast Live Oak	12-17"	Yes	2	-	14-18'	Yes	No	Public	37.437143	-122.15414
PA-202-E	California black walnut	04-11"	No	2	-	24-29'	No	No	Public	37.437136	-122.15412
PA-203-E	Valley oak	04-11"	No	2	-	19-24'	Yes	No	ROW	37.437108	-122.15408
PA-204-E	Valley oak	18-23"	Yes	3	-	19-24'	Yes	No	Public	37.43709	-122.15405
PA-205-E	Blackwood acacia	18-23"	No	2	-	19-24'	Yes	No	Public	37.43708	-122.15403
PA-206-E	Coast Live Oak	04-11"	No	2	24-29'	-	Yes	25%	ROW	37.437058	-122.15403
PA-207-E	Holly leaf cherry	04-11"	No	1	-	19-24'	Yes	No	Public	37.437022	-122.15394
PA-208-E	Coast Live Oak	04-11"	No	3	24-29'	-	Yes	25%	ROW	37.436959	-122.15388
PA-209-E	Coast Live Oak	24-30"	Yes	4	24-29'	-	Yes	25%	ROW	37.436947	-122.15386
PA-210-E	Coast Live Oak	12-17"	Yes	2	24-29'	-	Yes	25%	ROW	37.436934	-122.15383
PA-211-E	Blackwood acacia	12-17"	No	2	24-29'	-	Yes	25%	ROW	37.43692	-122.15381
PA-212-E	Coast Live Oak	24-30"	Yes	4	24-29'	-	Yes	25%	ROW	37.436897	-122.15377
PA-213-E	Coast Live Oak	12-17"	Yes	2	-	19-24'	Yes	No	ROW	37.436889	-122.15374
PA-214-E	Coast Live Oak	12-17"	Yes	3	-	19-24'	Yes	No	ROW	37.436874	-122.15371
PA-215-E	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.436717	-122.15349
PA-216-E	California black walnut	12-17"	No	2	-	19-24'	Yes	No	Public	37.436717	-122.15345
PA-217-E	Coast Live Oak	24-30"	Yes	4	24-29'	-	Yes	25%	ROW	37.436605	-122.15331
PA-218-E	Holly leaf cherry	04-11"	No	1	-	24-29'	No	No	ROW	37.436602	-122.15328
PA-219-E	Coast Live Oak	04-11"	No	3	24-29'	-	Yes	25%	ROW	37.43655	-122.15322

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
PA-220-E	Coast Live Oak	12-17"	Yes	4	24-29'	-	Yes	25%	ROW	37.436502	-122.15314
PA-221-E	Coast Live Oak	24-30"	Yes	5	-	19-24'	Yes	No	Public	37.436456	-122.15304
PA-222-E	Coast Live Oak	04-11"	No	3	-	24-29'	No	No	Public	37.436378	-122.15292
PA-223-E	Blackwood acacia	04-11"	No	1	24-29'	-	Yes	25%	ROW	37.436351	-122.1529
PA-224-E	Blackwood acacia	18-23"	No	2	-	14-18'	Yes	No	Public	37.43633	-122.15283
PA-225-E	Blackwood acacia	04-11"	No	1	-	19-24'	Yes	No	Public	37.436323	-122.15281
PA-226-E	California black walnut	18-23"	No	1	-	24-29'	No	No	Public	37.436302	-122.15278
PA-227-E	Coast Live Oak	04-11"	No	3	24-29'	-	Yes	25%	ROW	37.436282	-122.15279
PA-228-E	Coast Live Oak	24-30"	Yes	4	-	19-24'	Yes	No	Public	37.43626	-122.15274
PA-229-E	Coast Live Oak	18-23"	Yes	4	-	19-24'	Yes	No	Public	37.436221	-122.15267
PA-230-E	California black walnut	04-11"	No	2	-	24-29'	No	No	Public	37.436175	-122.15259
PA-231-E	Coast Live Oak	24-30"	Yes	4	-	19-24'	Yes	No	Public	37.435985	-122.1523
PA-232-E	Holly leaf cherry	04-11"	No	3	-	24-29'	No	No	Public	37.435945	-122.15224
PA-233-E	Portuguese laurel	12-17"	No	3	-	19-24'	Yes	No	Public	37.43593	-122.15221
PA-234-E	Holly Oak	04-11"	No	2	-	24-29'	No	No	Public	37.435893	-122.15214
PA-235-E	Blackwood acacia	12-17"	No	3	24-29'	-	Yes	25%	Public	37.435786	-122.15202
PA-236-E	Holly Oak	04-11"	No	3	24-29'	-	Yes	25%	Public	37.435777	-122.15201
PA-237-E	Holly Oak	12-17"	No	3	24-29'	-	Yes	25%	Public	37.435737	-122.15195
PA-238-E	Holly Oak	04-11"	No	3	24-29'	-	Yes	25%	Public	37.435684	-122.15187
PA-239-E	Coast Redwood	12-17"	Yes	4	-	19-24'	Yes	No	ROW	37.435471	-122.15146
PA-240-E	Coast Live Oak	18-23"	Yes	3	-	19-24'	Yes	No	Public	37.435413	-122.15136
PA-241-E	Holly leaf cherry	04-11"	No	2	-	19-24'	Yes	No	Public	37.435384	-122.15134
PA-242-E	Coast Live Oak	18-23"	Yes	3	-	14-18'	Yes	No	Public	37.435269	-122.15114
PA-243-E	Coast Live Oak	24-30"	Yes	4	-	19-24'	Yes	No	Public	37.435234	-122.1511
PA-244-E	Coast Live Oak	30-35"	Yes	4	-	14-18'	Yes	No	Public	37.435224	-122.15108
PA-245-E	Blackwood acacia	04-11"	No	2	-	19-24'	Yes	No	Public	37.435212	-122.15106
PA-246-E	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.43516	-122.15101
PA-247-E	Blackwood acacia	12-17"	No	3	-	24-29'	No	No	Public	37.435136	-122.15094
PA-248-E	Coast Live Oak	24-30"	Yes	5	24-29'	-	Yes	25%	ROW	37.435096	-122.15091
PA-249-E	Blackwood acacia	18-23"	No	3	-	19-24'	Yes	No	Public	37.434972	-122.15069
PA-250-E	Coast Live Oak	12-17"	Yes	3	-	14-18'	Yes	No	ROW	37.434947	-122.15065
PA-251-E	Coast Live Oak	24-30"	Yes	3	-	14-18'	Yes	No	Public	37.434932	-122.15062

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
PA-252-E	Coast Live Oak	12-17"	Yes	3	-	19-24'	Yes	No	Public	37.434901	-122.15057
PA-253-E	Coast Live Oak	04-11"	No	3	-	19-24'	Yes	No	Public	37.434847	-122.15048
PA-254-E	Coast Live Oak	04-11"	No	3	24-29'	-	Yes	25%	ROW	37.434823	-122.15048
PA-255-E	Glossy privet	18-23"	No	2	-	19-24'	Yes	No	Public	37.434825	-122.15044
PA-256-E	Coast Live Oak	18-23"	Yes	4	24-29'	-	Yes	25%	ROW	37.434793	-122.15043
PA-257-E	Coast Live Oak	24-30"	Yes	3	-	14-18'	Yes	No	Public	37.434739	-122.15032
PA-258-E	Coast Live Oak	12-17"	Yes	3	-	19-24'	Yes	No	Public	37.4347	-122.15026
PA-259-E	Coast Live Oak	04-11"	No	3	24-29'	-	Yes	25%	ROW	37.43461	-122.15014
PA-260-E	Coast Live Oak	18-23"	Yes	4	24-29'	-	Yes	25%	ROW	37.434587	-122.15011
PA-261-E	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.434442	-122.14987
PA-262-E	California pepper	30-35"	No	2	24-29'	-	Yes	25%	ROW	37.434344	-122.14971
PA-263-E	Coast Live Oak	12-17"	Yes	3	-	14-18'	Yes	No	ROW	37.4343	-122.14962
PA-264-E	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.43427	-122.1496
PA-265-E	Coast Live Oak	04-11"	No	3	-	19-24'	Yes	No	Public	37.434245	-122.14952
PA-266-E	Coast Live Oak	18-23"	Yes	3	24-29'	-	Yes	25%	ROW	37.434186	-122.14947
PA-267-E	Coast Live Oak	24-30"	Yes	3	-	14-18'	Yes	No	Public	37.43412	-122.14934
PA-268-E	Blackwood acacia	04-11"	No	2	24-29'	-	Yes	25%	ROW	37.434102	-122.14933
PA-269-E	Coast Live Oak	24-30"	Yes	3	24-29'	-	Yes	25%	ROW	37.43407	-122.14928
PA-270-E	Coast Live Oak	18-23"	Yes	4	24-29'	-	Yes	25%	ROW	37.434019	-122.1492
PA-271-E	Coast Live Oak	24-30"	Yes	4	24-29'	-	Yes	25%	ROW	37.433993	-122.14916
PA-272-E	Holly leaf cherry	04-11"	No	2	24-29'	-	Yes	25%	ROW	37.433966	-122.14911
PA-273-E	Coast Live Oak	30-35"	Yes	3	24-29'	-	Yes	25%	ROW	37.433927	-122.14905
PA-274-E	Coast Live Oak	18-23"	Yes	3	-	19-24'	Yes	No	Public	37.433885	-122.14897
PA-275-E	Coast Live Oak	30-35"	Yes	3	24-29'	-	Yes	25%	ROW	37.433775	-122.14882
PA-276-E	Almond	30-35"	No	1	-	24-29'	No	No	Public	37.433732	-122.14871
PA-277-E	Valley oak	18-23"	Yes	3	-	19-24'	Yes	No	Public	37.433672	-122.14862
PA-278-E	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.433648	-122.14861
PA-279-E	Coast Live Oak	12-17"	Yes	2	24-29'	-	Yes	25%	ROW	37.433622	-122.14857
PA-280-E	Blackwood acacia	04-11"	No	2	-	24-29'	No	No	Public	37.433546	-122.14843
PA-281-E	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.433509	-122.1484
PA-282-E	Coast Live Oak	04-11"	No	2	24-29'	-	Yes	25%	ROW	37.4335	-122.14838
PA-283-E	Valley oak	12-17"	No	2	-	19-24'	Yes	No	Public	37.433499	-122.14835

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
PA-284-E	Bailey acacia	12-17"	No	2	-	14-18'	Yes	No	Public	37.433327	-122.14807
PA-285-E	Coast Live Oak	18-23"	Yes	3	24-29'	-	Yes	25%	ROW	37.433159	-122.14784
PA-286-E	Holly leaf cherry	04-11"	No	2	-	24-29'	No	No	Public	37.433135	-122.14776
PA-287-E	Blackwood acacia	04-11"	No	1	-	19-24'	Yes	No	Private	37.433123	-122.14774
PA-288-E	Bailey acacia	12-17"	No	3	-	24-29'	No	No	Public	37.433079	-122.14766
PA-289-E	Bailey acacia	04-11"	No	2	-	19-24'	Yes	No	Public	37.43306	-122.14764
PA-290-E	Coast Live Oak	04-11"	No	4	-	19-24'	Yes	No	Public	37.433015	-122.14758
PA-291-E	Blackwood acacia	12-17"	No	1	-	19-24'	Yes	No	Public	37.432984	-122.14754
PA-292-E	Blackwood acacia	04-11"	No	2	-	19-24'	Yes	No	Public	37.432966	-122.14751
PA-293-E	Blackwood acacia	12-17"	No	1	-	19-24'	Yes	No	Public	37.432891	-122.14738
PA-294-E	Coast Live Oak	18-23"	Yes	4	24-29'	-	Yes	25%	ROW	37.432862	-122.14737
PA-295-E	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.432763	-122.14721
PA-296-E	Coast Live Oak	18-23"	Yes	4	-	19-24'	Yes	No	Public	37.432651	-122.14701
PA-297-E	Coast Live Oak	18-23"	Yes	5	-	14-18'	Yes	No	Public	37.432586	-122.1469
PA-298-E	Bailey acacia	04-11"	No	3	-	24-29'	No	No	Public	37.432568	-122.14687
PA-299-E	Bailey acacia	04-11"	No	2	-	19-24'	Yes	No	Public	37.432528	-122.14681
PA-300-E	Holly leaf cherry	04-11"	No	1	-	24-29'	No	No	Public	37.432406	-122.14661
PA-301-E	Coast Live Oak	04-11"	No	3	24-29'	-	Yes	25%	ROW	37.432362	-122.14657
PA-302-E	Coast Live Oak	18-23"	Yes	4	-	19-24'	Yes	No	Public	37.432311	-122.14646
PA-303-E	Tree of Heaven	18-23"	No	3	-	19-24'	Yes	No	Public	37.432269	-122.1464
PA-304-E	Tree of Heaven	04-11"	No	3	-	24-29'	No	No	Public	37.432249	-122.14637
PA-305-E	California pepper	12-17"	No	1	-	19-24'	Yes	No	Public	37.432226	-122.14634
PA-306-E	Coast Live Oak	04-11"	No	3	-	19-24'	Yes	No	Public	37.432206	-122.1463
PA-307-E	Coast Live Oak	04-11"	No	3	-	19-24'	Yes	No	Public	37.43213	-122.14618
PA-308-E	California pepper	24-30"	No	2	-	19-24'	Yes	No	Public	37.432126	-122.14616
PA-309-E	Holly leaf cherry	04-11"	No	2	-	24-29'	No	No	Public	37.432089	-122.1461
PA-310-E	Coast Live Oak	12-17"	Yes	4	24-29'	-	Yes	25%	Public	37.432013	-122.14602
PA-311-E	Coast Live Oak	18-23"	Yes	3	24-29'	-	Yes	25%	Public	37.432004	-122.146
PA-312-E	Blackwood acacia	04-11"	No	1	-	19-24'	Yes	No	Public	37.431984	-122.14595
PA-313-E	Coast Live Oak	04-11"	No	2	-	24-29'	No	No	Public	37.431944	-122.14588
PA-314-E	Coast Live Oak	12-17"	Yes	3	-	19-24'	Yes	No	Public	37.431937	-122.14587
PA-315-E	Coast Live Oak	24-30"	Yes	4	24-29'	-	Yes	25%	ROW	37.431897	-122.14584

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
PA-316-E	Bailey acacia	12-17"	No	2	24-29'	-	Yes	25%	ROW	37.431791	-122.14567
PA-317-E	Blackwood acacia	18-23"	No	2	-	19-24'	Yes	No	Public	37.431786	-122.14563
PA-318-E	Blackwood acacia	04-11"	No	3	-	24-29'	No	No	Public	37.431748	-122.14557
PA-319-E	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.431695	-122.14551
PA-320-E	Blackwood acacia	12-17"	No	2	24-29'	-	Yes	25%	ROW	37.431637	-122.14542
PA-321-E	Coast Live Oak	04-11"	No	3	-	19-24'	Yes	No	Public	37.431614	-122.14534
PA-322-E	Blackwood acacia	04-11"	No	3	-	19-24'	Yes	No	Public	37.431579	-122.1453
PA-323-E	California pepper	24-30"	No	3	-	19-24'	Yes	No	Public	37.4315	-122.14518
PA-324-E	Blackwood acacia	04-11"	No	3	-	19-24'	Yes	No	Public	37.431488	-122.14516
PA-325-E	Coast Live Oak	04-11"	No	3	24-29'	-	Yes	25%	ROW	37.431445	-122.14512
PA-326-E	Blackwood acacia	04-11"	No	3	-	24-29'	No	No	Public	37.431444	-122.14508
PA-327-E	Blackwood acacia	04-11"	No	3	-	24-29'	No	No	Public	37.431432	-122.14505
PA-328-E	Blackwood acacia	04-11"	No	3	-	19-24'	Yes	No	Public	37.431332	-122.1449
PA-329-E	Blackwood acacia	04-11"	No	2	-	19-24'	Yes	No	Public	37.43121	-122.14471
PA-330-E	Blackwood acacia	04-11"	No	2	-	19-24'	Yes	No	Public	37.431058	-122.14447
PA-331-E	Coast Live Oak	12-17"	Yes	4	-	19-24'	Yes	No	Public	37.431021	-122.14442
PA-332-E	Blackwood acacia	04-11"	No	2	-	19-24'	Yes	No	Public	37.431009	-122.1444
PA-333-E	Blackwood acacia	04-11"	No	1	-	19-24'	Yes	No	Public	37.430992	-122.14438
PA-334-E	Blackwood acacia	12-17"	No	3	-	19-24'	Yes	No	Public	37.430948	-122.1443
PA-335-E	Blackwood acacia	04-11"	No	3	-	19-24'	Yes	No	Public	37.430864	-122.14416
PA-336-E	Blackwood acacia	12-17"	No	1	-	19-24'	Yes	No	Public	37.430849	-122.14413
PA-337-E	Blackwood acacia	04-11"	No	3	-	19-24'	Yes	No	Public	37.430747	-122.14397
PA-338-E	Blackwood acacia	04-11"	No	3	-	19-24'	Yes	No	Public	37.430735	-122.14395
PA-339-E	Blackwood acacia	04-11"	No	3	-	19-24'	Yes	No	Public	37.430635	-122.1438
PA-340-E	Blackwood acacia	04-11"	No	2	-	19-24'	Yes	No	Public	37.430562	-122.14368
PA-341-E	Blackwood acacia	04-11"	No	3	-	14-18'	Yes	No	Public	37.430502	-122.14359
PA-342-E	Coast Live Oak	12-17"	Yes	4	24-29'	-	Yes	25%	ROW	37.430406	-122.14347
PA-343-E	Holly leaf cherry	04-11"	No	3	-	19-24'	Yes	No	Public	37.430395	-122.14342
PA-344-E	Coast Live Oak	12-17"	Yes	4	24-29'	-	Yes	25%	Public	37.43033	-122.14334
PA-345-E	Blackwood acacia	04-11"	No	3	-	19-24'	Yes	No	Public	37.430307	-122.14327
PA-346-E	Blackwood acacia	04-11"	No	3	-	19-24'	Yes	No	Public	37.43019	-122.14309
PA-347-E	Blackwood acacia	04-11"	No	1	24-29'	-	Yes	25%	ROW	37.430173	-122.14308

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
PA-348-E	Blackwood acacia	04-11"	No	1	24-29'	-	Yes	25%	ROW	37.430103	-122.14298
PA-349-E	Blackwood acacia	04-11"	No	2	-	19-24'	Yes	No	Public	37.430097	-122.14294
PA-350-E	Coast Live Oak	24-30"	Yes	4	-	24-29'	No	No	Public	37.430089	-122.14292
PA-351-E	Blackwood acacia	04-11"	No	2	24-29'	-	Yes	25%	ROW	37.43007	-122.14293
PA-352-E	Coast Live Oak	04-11"	No	3	24-29'	-	Yes	25%	ROW	37.430044	-122.14289
PA-353-E	Coast Live Oak	12-17"	Yes	4	24-29'	-	Yes	25%	Public	37.429551	-122.1421
PA-354-E	Holly Oak	04-11"	No	3	24-29'	-	Yes	25%	Public	37.429489	-122.142
PA-355-E	Holly Oak	12-17"	Yes	4	24-29'	-	Yes	25%	ROW	37.428307	-122.14016
PA-1-W	Blue gum	42" or greater	Yes	3	-	09-13'	Yes	No	ROW	37.447071	-122.17034
PA-2-W	Blue gum	24-30"	Yes	2	-	14-18'	Yes	No	ROW	37.447002	-122.17024
PA-3-W	Coast Live Oak	12-17"	Yes	2	-	19-24'	Yes	No	ROW	37.446948	-122.17021
PA-4-W	Blue gum	36-41"	Yes	3	-	14-18'	Yes	No	ROW	37.44693	-122.17017
PA-5-W	Blue gum	12-17"	Yes	3	-	14-18'	Yes	No	ROW	37.446904	-122.17012
PA-6-W	Blue gum	04-11"	No	2	24-29'	-	Yes	25%	ROW	37.446877	-122.16998
PA-7-W	California black walnut	24-30"	Yes	3	-	24-29'	No	No	ROW	37.446531	-122.16949
PA-8-W	California black walnut	24-30"	Yes	3	-	19-24'	Yes	No	Public	37.44625	-122.16909
PA-9-W	Coast Live Oak	24-30"	Yes	4	-	19-24'	Yes	No	Public	37.44613	-122.16891
PA-10-W	Tree of Heaven	12-17"	No	3	24-29'	-	Yes	25%	ROW	37.445994	-122.16869
PA-11-W	Coast Live Oak	12-17"	Yes	4	-	24-29'	No	No	Public	37.445746	-122.16841
PA-12-W	Coast Live Oak	18-23"	Yes	4	-	24-29'	No	No	Public	37.445703	-122.16834
PA-13-W	Blue gum	24-30"	Yes	3	-	14-18'	Yes	No	Public	37.44552	-122.16808
PA-14-W	Coast Live Oak	12-17"	Yes	4	24-29'	-	Yes	25%	Public	37.445374	-122.16784
PA-15-W	California pepper	24-30"	Yes	3	19-24'	-	Yes	Yes	Public	37.445342	-122.16781
PA-16-W	California pepper	24-30"	Yes	3	19-24'	-	Yes	Yes	Public	37.445317	-122.16775
PA-17-W	Coast Live Oak	24-30"	Yes	3	19-24'	-	Yes	Yes	Public	37.445309	-122.16774
PA-18-W	English Walnut	12-17"	No	3	19-24'	-	Yes	Yes	Public	37.445133	-122.16752
PA-19-W	Coast Live Oak	24-30"	Yes	4	19-24'	-	Yes	Yes	Public	37.445034	-122.16735
PA-20-W	Coast Live Oak	18-23"	Yes	5	24-29'	-	Yes	25%	Public	37.444845	-122.16715
PA-21-W	Chinese pistache	12-17"	No	4	24-29'	-	Yes	25%	Public	37.444821	-122.1671
PA-22-W	Chinese pistache	24-30"	Yes	4	24-29'	-	Yes	25%	Public	37.444789	-122.16705
PA-23-W	Coast Live Oak	24-30"	Yes	4	24-29'	-	Yes	25%	ROW	37.444644	-122.16686
PA-24-W	Coast Live Oak	12-17"	Yes	2	19-24'	-	Yes	Yes	ROW	37.444626	-122.16682

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
PA-25-W	Carob	04-11"	No	2	19-24'	-	Yes	Yes	ROW	37.44459	-122.16674
PA-26-W	Carob	12-17"	No	3	19-24'	-	Yes	Yes	ROW	37.444554	-122.1667
PA-27-W	Carob	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.444525	-122.16665
PA-28-W	Carob	12-17"	No	3	19-24'	-	Yes	Yes	ROW	37.444491	-122.16659
PA-29-W	Carob	12-17"	No	2	19-24'	-	Yes	Yes	ROW	37.444448	-122.16654
PA-30-W	Carob	12-17"	No	2	19-24'	-	Yes	Yes	ROW	37.444393	-122.16647
PA-31-W	Deodar cedar	18-23"	No	4	-	14-18'	Yes	No	ROW	37.444347	-122.16645
PA-32-W	Deodar cedar	12-17"	No	3	-	14-18'	Yes	No	ROW	37.444329	-122.16643
PA-33-W	Coast Live Oak	04-11"	No	4	24-29'	-	Yes	25%	ROW	37.444156	-122.16612
PA-34-W	Coast Live Oak	12-17"	Yes	4	24-29'	-	Yes	25%	ROW	37.444032	-122.16594
PA-35-W	Deodar cedar	12-17"	No	5	-	14-18'	Yes	No	ROW	37.444015	-122.16593
PA-36-W	Carrotwood	04-11"	No	4	24-29'	-	Yes	25%	ROW	37.443991	-122.16586
PA-37-W	Evergreen elm	04-11"	No	4	-	19-24'	Yes	No	ROW	37.44268	-122.16384
PA-38-W	Evergreen elm	04-11"	No	4	-	19-24'	Yes	No	ROW	37.442641	-122.16378
PA-39-W	Evergreen elm	04-11"	No	3	-	19-24'	Yes	No	ROW	37.442601	-122.1637
PA-40-W	Evergreen elm	04-11"	No	4	-	19-24'	Yes	No	ROW	37.442523	-122.1636
PA-41-W	Evergreen elm	04-11"	No	3	-	19-24'	Yes	No	ROW	37.442454	-122.16347
PA-42-W	Evergreen elm	04-11"	No	4	-	19-24'	Yes	No	ROW	37.442422	-122.16342
PA-43-W	Evergreen elm	04-11"	No	3	-	19-24'	Yes	No	ROW	37.442381	-122.16335
PA-44-W	Evergreen elm	04-11"	No	3	-	19-24'	Yes	No	ROW	37.442296	-122.16324
PA-45-W	Evergreen elm	04-11"	No	4	-	14-18'	Yes	No	ROW	37.442248	-122.16315
PA-46-W	Evergreen elm	04-11"	No	4	-	19-24'	Yes	No	ROW	37.442183	-122.16307
PA-47-W	Evergreen elm	04-11"	No	4	-	19-24'	Yes	No	ROW	37.442109	-122.16297
PA-48-W	Evergreen elm	04-11"	No	4	-	19-24'	Yes	No	ROW	37.442034	-122.16285
PA-49-W	Evergreen elm	04-11"	No	4	-	19-24'	Yes	No	ROW	37.442008	-122.16281
PA-50-W	Evergreen elm	04-11"	No	4	-	24-29'	No	No	ROW	37.44193	-122.1627
PA-51-W	Coast Live Oak	18-23"	Yes	4	-	19-24'	Yes	No	ROW	37.441259	-122.16144
PA-52-W	Coast Live Oak	24-30"	Yes	4	-	19-24'	Yes	No	ROW	37.441257	-122.16141
PA-53-W	Coast Live Oak	30-35"	Yes	4	-	19-24'	Yes	No	ROW	37.44124	-122.16139
PA-54-W	Coast Live Oak	12-17"	Yes	5	-	19-24'	Yes	No	ROW	37.44115	-122.16125
PA-55-W	Holly leaf cherry	04-11"	No	3	-	19-24'	Yes	No	ROW	37.44111	-122.16113
PA-56-W	Valley oak	04-11"	No	3	24-29'	-	Yes	25%	ROW	37.441104	-122.16107

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
PA-57-W	Coast Live Oak	04-11"	No	3	24-29'	-	Yes	25%	ROW	37.441082	-122.16104
PA-58-W	California pepper	18-23"	No	3	-	19-24'	Yes	No	ROW	37.441052	-122.16102
PA-59-W	Coast Live Oak	12-17"	Yes	4	24-29'	-	Yes	25%	ROW	37.441058	-122.16099
PA-60-W	California pepper	42" or greater	No	3	-	19-24'	Yes	No	Public	37.441006	-122.16101
PA-61-W	Holly Oak	04-11"	No	4	24-29'	-	Yes	25%	ROW	37.441008	-122.1609
PA-62-W	Coast Live Oak	04-11"	No	4	24-29'	-	Yes	25%	Public	37.440666	-122.16028
PA-63-W	Tree of Heaven	12-17"	No	3	-	24-29'	No	No	Public	37.439993	-122.15911
PA-64-W	Coast Redwood	24-30"	Yes	5	-	24-29'	No	No	Public	37.439947	-122.15903
PA-65-W	Coast Live Oak	24-30"	Yes	3	-	24-29'	No	No	Public	37.439916	-122.15898
PA-66-W	Coast Live Oak	12-17"	Yes	3	-	24-29'	No	No	Public	37.439817	-122.15884
PA-67-W	Coast Live Oak	18-23"	Yes	3	-	24-29'	No	No	Public	37.439634	-122.15854
PA-68-W	Coast Live Oak	12-17"	Yes	3	-	24-29'	No	No	Public	37.43959	-122.15846
PA-69-W	Coast Live Oak	12-17"	Yes	4	-	24-29'	No	No	Public	37.43958	-122.15844
PA-70-W	Coast Live Oak	04-11"	No	3	-	24-29'	No	No	Public	37.439572	-122.15841
PA-71-W	Coast Live Oak	04-11"	No	3	-	24-29'	No	No	Public	37.439539	-122.15838
PA-72-W	Coast Live Oak	12-17"	Yes	4	-	24-29'	No	No	Public	37.439492	-122.1583
PA-73-W	Coast Live Oak	18-23"	Yes	3	-	24-29'	No	No	Public	37.43947	-122.15828
PA-74-W	Coast Live Oak	12-17"	Yes	4	-	24-29'	No	No	Public	37.43946	-122.15827
PA-75-W	Coast Live Oak	18-23"	Yes	4	-	24-29'	No	No	Public	37.439397	-122.15817
PA-76-W	Coast Live Oak	12-17"	Yes	3	-	24-29'	No	No	Public	37.439316	-122.15803
PA-77-W	Coast Live Oak	12-17"	Yes	4	-	24-29'	No	No	Public	37.439009	-122.15754
PA-78-W	Coast Live Oak	12-17"	Yes	3	-	24-29'	No	No	Public	37.438801	-122.15722
PA-79-W	Coast Live Oak	18-23"	Yes	3	-	24-29'	No	No	Public	37.438765	-122.15716
PA-80-W	Coast Live Oak	18-23"	Yes	3	-	24-29'	No	No	Public	37.438734	-122.15711
PA-81-W	Coast Live Oak	18-23"	Yes	3	-	24-29'	No	No	Public	37.438704	-122.15706
PA-82-W	Coast Live Oak	18-23"	Yes	3	-	24-29'	No	No	Public	37.438684	-122.15703
PA-83-W	Coast Live Oak	04-11"	No	3	-	24-29'	No	No	Public	37.438657	-122.15701
PA-84-W	Coast Live Oak	12-17"	Yes	3	-	24-29'	No	No	Public	37.438429	-122.15663
PA-85-W	Tree of Heaven	12-17"	No	2	-	19-24'	Yes	No	Public	37.438147	-122.15617
PA-86-W	Aleppo pine	24-30"	No	3	-	19-24'	Yes	No	Public	37.438077	-122.15606
PA-87-W	Aleppo pine	12-17"	No	3	-	19-24'	Yes	No	Public	37.438041	-122.15601
PA-88-W	Aleppo pine	24-30"	No	3	-	19-24'	Yes	No	Public	37.438008	-122.15596

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
PA-89-W	Aleppo pine	24-30"	No	3	-	24-29'	No	No	Public	37.437874	-122.15574
PA-90-W	Aleppo pine	24-30"	No	3	-	24-29'	No	No	Public	37.437803	-122.15562
PA-91-W	Aleppo pine	04-11"	No	3	-	19-24'	Yes	No	Public	37.437774	-122.15558
PA-92-W	Aleppo pine	24-30"	No	3	-	14-18'	Yes	No	Public	37.4377	-122.15547
PA-93-W	Aleppo pine	12-17"	No	2	-	24-29'	No	No	Public	37.437678	-122.15544
PA-94-W	Aleppo pine	12-17"	No	2	-	14-18'	Yes	No	Public	37.437666	-122.15542
PA-95-W	Aleppo pine	24-30"	No	3	-	19-24'	Yes	No	Public	37.437634	-122.15539
PA-96-W	Aleppo pine	04-11"	No	2	-	14-18'	Yes	No	Public	37.437625	-122.15537
PA-97-W	Aleppo pine	18-23"	No	3	-	19-24'	Yes	No	Public	37.437601	-122.15532
PA-98-W	Aleppo pine	24-30"	No	4	-	24-29'	No	No	Public	37.437582	-122.1553
PA-99-W	Aleppo pine	30-35"	No	3	-	14-18'	Yes	No	Public	37.437556	-122.15526
PA-100-W	Coast Redwood	24-30"	Yes	4	-	24-29'	No	No	Public	37.437508	-122.15518
PA-101-W	Coast Redwood	24-30"	Yes	4	-	19-24'	Yes	No	Public	37.437495	-122.15516
PA-102-W	Coast Redwood	24-30"	Yes	3	-	19-24'	Yes	No	Public	37.437485	-122.15515
PA-103-W	Coast Redwood	18-23"	Yes	3	-	19-24'	Yes	No	Public	37.437473	-122.15513
PA-104-W	Coast Redwood	30-35"	Yes	3	-	19-24'	Yes	No	Public	37.437464	-122.15511
PA-105-W	Glossy privet	04-11"	No	2	19-24'	-	Yes	Yes	Public	37.437388	-122.15488
PA-106-W	Glossy privet	12-17"	No	4	19-24'	-	Yes	Yes	Public	37.437294	-122.15474
PA-107-W	Coast Live Oak	36-41"	Yes	4	19-24'	-	Yes	Yes	ROW	37.437169	-122.15454
PA-108-W	Coast Live Oak	36-41"	Yes	3	14-18'	-	Yes	Yes	ROW	37.436877	-122.15408
PA-109-W	Coast Live Oak	12-17"	Yes	4	14-18'	-	Yes	Yes	ROW	37.436765	-122.15391
PA-110-W	Coast Live Oak	12-17"	Yes	4	14-18'	-	Yes	Yes	ROW	37.436698	-122.1538
PA-111-W	Coast Live Oak	04-11"	No	5	14-18'	-	Yes	Yes	ROW	37.436573	-122.1536
PA-112-W	Coast Live Oak	18-23"	Yes	4	14-18'	-	Yes	Yes	ROW	37.436492	-122.15347
PA-113-W	Coast Live Oak	12-17"	Yes	4	14-18'	-	Yes	Yes	ROW	37.436448	-122.1534
PA-114-W	Coast Live Oak	12-17"	Yes	3	19-24'	-	Yes	Yes	ROW	37.436396	-122.15332
PA-115-W	Coast Live Oak	24-30"	Yes	4	19-24'	-	Yes	Yes	ROW	37.436374	-122.15328
PA-116-W	Coast Live Oak	04-11"	No	1	19-24'	-	Yes	Yes	ROW	37.436274	-122.15312
PA-117-W	Coast Live Oak	12-17"	Yes	4	19-24'	-	Yes	Yes	ROW	37.436241	-122.15305
PA-118-W	Coast Redwood	30-35"	Yes	4	-	24-29'	No	No	Private	37.435789	-122.15249
PA-119-W	Coast Live Oak	12-17"	Yes	4	-	24-29'	No	No	Private	37.435779	-122.15247
PA-120-W	Coast Live Oak	18-23"	Yes	4	-	24-29'	No	No	Private	37.435625	-122.15223

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
PA-121-W	Coast Live Oak	12-17"	Yes	4	-	24-29'	No	No	Private	37.435593	-122.15218
PA-122-W	Coast Redwood	18-23"	Yes	5	-	24-29'	No	No	Private	37.435549	-122.1521
PA-123-W	Austrian pine	12-17"	No	2	-	19-24'	Yes	No	Private	37.43535	-122.15172
PA-124-W	Austrian pine	04-11"	No	1	24-29'	-	Yes	25%	Private	37.435354	-122.15169
PA-125-W	Monterey pine	12-17"	No	2	19-24'	-	Yes	Yes	Private	37.435334	-122.15165
PA-126-W	Monterey pine	18-23"	No	3	19-24'	-	Yes	Yes	Private	37.435329	-122.15163
PA-127-W	Austrian pine	04-11"	No	2	19-24'	-	Yes	Yes	Private	37.435317	-122.15161
PA-128-W	Austrian pine	04-11"	No	2	19-24'	-	Yes	Yes	Private	37.435306	-122.1516
PA-129-W	Austrian pine	04-11"	No	2	19-24'	-	Yes	Yes	Private	37.435295	-122.15158
PA-130-W	Austrian pine	04-11"	No	2	24-29'	-	Yes	25%	Private	37.435286	-122.15156
PA-131-W	Austrian pine	04-11"	No	2	19-24'	-	Yes	Yes	Private	37.435274	-122.15154
PA-132-W	Austrian pine	04-11"	No	1	19-24'	-	Yes	Yes	Private	37.435262	-122.15153
PA-133-W	Austrian pine	04-11"	No	3	19-24'	-	Yes	Yes	Private	37.435252	-122.15151
PA-134-W	Bailey acacia	12-17"	No	2	24-29'	-	Yes	25%	ROW	37.435215	-122.15147
PA-135-W	Bailey acacia	04-11"	No	2	24-29'	-	Yes	25%	ROW	37.4352	-122.15144
PA-136-W	Monterey pine	24-30"	No	2	-	09-13'	Yes	No	ROW	37.43516	-122.15146
PA-137-W	Bailey acacia	12-17"	No	2	24-29'	-	Yes	25%	ROW	37.435095	-122.15128
PA-138-W	Bailey acacia	12-17"	No	2	24-29'	-	Yes	25%	ROW	37.43508	-122.15126
PA-139-W	Blackwood acacia	18-23"	No	3	24-29'	-	Yes	25%	ROW	37.434977	-122.1511
PA-140-W	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.434963	-122.15108
PA-141-W	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.434951	-122.15106
PA-142-W	Coast Live Oak	18-23"	Yes	3	24-29'	-	Yes	25%	ROW	37.434945	-122.15104
PA-143-W	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.434926	-122.15101
PA-144-W	Coast Live Oak	04-11"	No	3	24-29'	-	Yes	25%	ROW	37.434915	-122.15099
PA-145-W	Deodar cedar	24-30"	No	3	-	14-18'	Yes	No	Private	37.434865	-122.15096
PA-146-W	Coast Live Oak	12-17"	Yes	4	24-29'	-	Yes	25%	ROW	37.434594	-122.15049
PA-147-W	Coast Live Oak	04-11"	Yes	4	24-29'	-	Yes	25%	ROW	37.434576	-122.15045
PA-148-W	Coast Live Oak	24-30"	Yes	4	24-29'	-	Yes	25%	ROW	37.434512	-122.15036
PA-149-W	Blackwood acacia	12-17"	No	3	24-29'	-	Yes	25%	ROW	37.434446	-122.15027
PA-150-W	Blackwood acacia	04-11"	No	2	24-29'	-	Yes	25%	ROW	37.434403	-122.15019
PA-151-W	Blackwood acacia	24-30"	No	3	24-29'	-	Yes	25%	ROW	37.434387	-122.15016
PA-152-W	Blackwood acacia	24-30"	No	1	24-29'	-	Yes	25%	ROW	37.434347	-122.15009

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
PA-153-W	Blackwood acacia	04-11"	No	3	24-29'	-	Yes	25%	ROW	37.434251	-122.14994
PA-154-W	Blackwood acacia	18-23"	No	3	-	09-13'	Yes	No	ROW	37.434203	-122.14992
PA-155-W	Coast Live Oak	24-30"	Yes	4	-	09-13'	Yes	No	ROW	37.434185	-122.14988
PA-156-W	California pepper	36-41"	No	3	-	14-18'	Yes	No	ROW	37.433979	-122.14958
PA-157-W	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.433915	-122.14941
PA-158-W	Blackwood acacia	24-30"	No	3	-	14-18'	Yes	No	ROW	37.433879	-122.14939
PA-159-W	Glossy privet	04-11"	No	3	-	24-29'	No	No	ROW	37.433731	-122.14922
PA-160-W	Coast Live Oak	04-11"	No	4	24-29'	-	Yes	25%	ROW	37.433709	-122.14907
PA-161-W	Coast Live Oak	30-35"	Yes	3	24-29'	-	Yes	25%	ROW	37.433653	-122.14899
PA-162-W	California bay	04-11"	No	3	24-29'	-	Yes	25%	ROW	37.433611	-122.14892
PA-163-W	Monterey pine	24-30"	No	1	24-29'	-	Yes	25%	ROW	37.433534	-122.14888
PA-164-W	Coast Live Oak	18-23"	Yes	3	24-29'	-	Yes	25%	ROW	37.433506	-122.14876
PA-165-W	Coast Live Oak	18-23"	Yes	3	24-29'	-	Yes	25%	ROW	37.433462	-122.14869
PA-166-W	Coast Live Oak	18-23"	Yes	4	19-24'	-	Yes	Yes	ROW	37.43342	-122.14861
PA-167-W	Blackwood acacia	24-30"	No	3	24-29'	-	Yes	25%	ROW	37.433378	-122.14855
PA-168-W	California pepper	18-23"	No	3	-	24-29'	No	No	ROW	37.43325	-122.14841
PA-169-W	Blackwood acacia	12-17"	No	3	24-29'	-	Yes	25%	ROW	37.433196	-122.14828
PA-170-W	Coast Live Oak	12-17"	No	3	24-29'	-	Yes	25%	ROW	37.433172	-122.14823
PA-171-W	Coast Live Oak	18-23"	Yes	3	24-29'	-	Yes	25%	ROW	37.433151	-122.1482
PA-172-W	Blackwood acacia	04-11"	No	4	19-24'	-	Yes	Yes	ROW	37.433122	-122.14813
PA-173-W	Coast Live Oak	04-11"	No	3	24-29'	-	Yes	25%	ROW	37.433077	-122.14808
PA-174-W	Coast Live Oak	04-11"	No	3	24-29'	-	Yes	25%	ROW	37.43306	-122.14805
PA-175-W	Coast Live Oak	04-11"	No	4	24-29'	-	Yes	25%	ROW	37.433042	-122.14803
PA-176-W	Blue gum	24-30"	No	4	19-24'	-	Yes	Yes	ROW	37.43301	-122.14797
PA-177-W	Blue gum	42" or greater	No	5	-	09-13'	Yes	No	Private	37.432978	-122.14798
PA-178-W	Coast Live Oak	12-17"	Yes	4	24-29'	-	Yes	25%	ROW	37.432943	-122.14786
PA-179-W	Coast Redwood	24-30"	Yes	3	-	19-24'	Yes	No	Private	37.432806	-122.14771
PA-180-W	Coast Redwood	24-30"	Yes	3	-	24-29'	No	No	Private	37.432793	-122.14769
PA-181-W	California black walnut	18-23"	No	3	-	19-24'	Yes	No	Private	37.432715	-122.14756
PA-182-W	Douglas fir	18-23"	No	3	-	19-24'	Yes	No	Private	37.432639	-122.14743
PA-183-W	Compact blue gum	18-23"	No	3	19-24'	-	Yes	Yes	Private	37.432674	-122.14741
PA-184-W	Compact blue gum	18-23"	No	3	19-24'	-	Yes	Yes	Private	37.432586	-122.14728

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
PA-185-W	Coast Live Oak	18-23"	Yes	3	24-29'	-	Yes	25%	Private	37.432544	-122.14721
PA-186-W	Coast Live Oak	12-17"	Yes	3	14-18'	-	Yes	Yes	ROW	37.432517	-122.14716
PA-187-W	Coast Live Oak	12-17"	Yes	3	14-18'	-	Yes	Yes	ROW	37.432513	-122.14713
PA-188-W	Coast Live Oak	04-11"	No	3	14-18'	-	Yes	Yes	ROW	37.432469	-122.14705
PA-189-W	Deodar cedar	18-23"	No	3	-	24-29'	No	No	Public	37.432435	-122.1471
PA-190-W	Deodar cedar	12-17"	No	3	-	24-29'	No	No	Public	37.432417	-122.14706
PA-191-W	Blue gum	42" or greater	No	3	14-18'	-	Yes	Yes	ROW	37.432438	-122.14701
PA-192-W	Blue gum	36-41"	No	3	14-18'	-	Yes	Yes	ROW	37.43241	-122.14696
PA-193-W	Deodar cedar	12-17"	No	4	-	19-24'	Yes	No	Public	37.432366	-122.14699
PA-194-W	Deodar cedar	04-11"	No	4	-	24-29'	No	No	Public	37.432355	-122.14697
PA-195-W	Blue gum	42" or greater	No	3	14-18'	-	Yes	Yes	ROW	37.432382	-122.14692
PA-196-W	Blue gum	42" or greater	No	4	14-18'	-	Yes	Yes	ROW	37.432372	-122.1469
PA-197-W	Deodar cedar	12-17"	No	3	-	24-29'	No	No	Public	37.43229	-122.14687
PA-198-W	Deodar cedar	12-17"	No	3	24-29'	-	Yes	25%	Public	37.432258	-122.14678
PA-199-W	Deodar cedar	24-30"	No	2	-	14-18'	Yes	No	Public	37.432183	-122.14671
PA-200-W	Coast Live Oak	04-11"	No	4	14-18'	-	Yes	Yes	ROW	37.432177	-122.14661
PA-201-W	Deodar cedar	24-30"	No	3	24-29'	-	Yes	25%	Public	37.432165	-122.14663
PA-202-W	Deodar cedar	24-30"	No	3	24-29'	-	Yes	25%	Public	37.432143	-122.14659
PA-203-W	Deodar cedar	30-35"	No	3	24-29'	-	Yes	25%	Public	37.432122	-122.14655
PA-204-W	Deodar cedar	24-30"	No	3	24-29'	-	Yes	25%	Public	37.432102	-122.14652
PA-205-W	Coast Live Oak	04-11"	No	3	14-18'	-	Yes	Yes	ROW	37.432093	-122.14646
PA-206-W	Manna gum	36-41"	No	3	14-18'	-	Yes	Yes	ROW	37.432048	-122.14638
PA-207-W	Coast Live Oak	12-17"	Yes	3	14-18'	-	Yes	Yes	ROW	37.432045	-122.14638
PA-208-W	Cedar of Lebanon	12-17"	No	3	24-29'	-	Yes	25%	Public	37.432007	-122.14636
PA-209-W	Coast Live Oak	12-17"	Yes	3	14-18'	-	Yes	Yes	ROW	37.432024	-122.14635
PA-210-W	Cedar of Lebanon	12-17"	No	3	24-29'	-	Yes	25%	Public	37.431958	-122.14627
PA-211-W	Manna gum	42" or greater	No	5	19-24'	-	Yes	Yes	Public	37.431949	-122.14626
PA-212-W	Coast Live Oak	04-11"	No	4	14-18'	-	Yes	Yes	ROW	37.431953	-122.14623
PA-213-W	Coast Live Oak	04-11"	No	4	19-24'	-	Yes	Yes	Public	37.431875	-122.14613

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
PA-214-W	Coast Live Oak	18-23"	Yes	4	14-18'	-	Yes	Yes	ROW	37.431829	-122.14603
PA-215-W	Holly Oak	04-11"	No	3	14-18'	-	Yes	Yes	ROW	37.431785	-122.14596
PA-216-W	Coast Live Oak	30-35"	Yes	3	19-24'	-	Yes	Yes	Private	37.431724	-122.1459
PA-217-W	Holly Oak	04-11"	No	4	19-24'	-	Yes	Yes	Private	37.431702	-122.14586
PA-218-W	California black walnut	12-17"	No	3	24-29'	-	Yes	25%	Private	37.431674	-122.14583
PA-219-W	Blackwood acacia	24-30"	No	3	-	14-18'	Yes	No	ROW	37.431574	-122.14574
PA-220-W	Blue gum	04-11"	No	2	-	24-29'	No	No	ROW	37.431383	-122.14543
PA-221-W	Blackwood acacia	12-17"	No	2	24-29'	-	Yes	25%	ROW	37.431417	-122.14544
PA-222-W	Fremont cottonwood	12-17"	No	3	-	24-29'	No	No	ROW	37.431259	-122.14524
PA-223-W	Blackwood acacia	18-23"	No	3	-	24-29'	No	No	ROW	37.431246	-122.14522
PA-224-W	Coast Live Oak	12-17"	No	3	-	24-29'	No	No	ROW	37.431157	-122.14507
PA-225-W	Coast Live Oak	12-17"	No	4	-	24-29'	No	No	ROW	37.430971	-122.14482
PA-226-W	Tree of Heaven	24-30"	No	3	-	24-29'	No	No	ROW	37.430845	-122.14465
PA-227-W	Coast Live Oak	04-11"	No	5	24-29'	-	Yes	25%	ROW	37.430867	-122.14458
PA-228-W	Coast Live Oak	04-11"	No	5	24-29'	-	Yes	25%	ROW	37.430821	-122.14451
PA-229-W	Coast Live Oak	24-30"	Yes	5	-	19-24'	Yes	No	ROW	37.430438	-122.14397
PA-230-W	River red gum	24-30"	No	3	-	19-24'	Yes	No	ROW	37.430233	-122.14365
PA-231-W	River red gum	24-30"	No	3	-	09-13'	Yes	No	ROW	37.430187	-122.14358
PA-232-W	Holly Oak	04-11"	No	4	19-24'	-	Yes	Yes	ROW	37.428179	-122.1403
S-1-E	London plane	12-17"	Yes	3	-	24-29'	No	No	Private	37.383226	-122.04428
S-2-E	London plane	12-17"	Yes	3	-	24-29'	No	No	Private	37.383218	-122.04425
S-3-E	Podocarpus	12-17"	Yes	3	-	24-29'	No	No	Private	37.383197	-122.04417
S-4-E	Podocarpus	12-17"	Yes	3	-	24-29'	No	No	Private	37.383094	-122.04385
S-5-E	Podocarpus	12-17"	Yes	3	-	24-29'	No	No	Private	37.38307	-122.04378
S-6-E	Podocarpus	18-23"	Yes	3	-	24-29'	No	No	Private	37.383064	-122.04374
S-7-E	Podocarpus	24-30"	Yes	3	-	24-29'	No	No	Private	37.383002	-122.04358
S-8-E	Podocarpus	24-30"	Yes	3	-	24-29'	No	No	Private	37.382985	-122.04352
S-9-E	Podocarpus	18-23"	Yes	3	-	19-24'	Yes	No	Private	37.382967	-122.04346
S-10-E	Podocarpus	12-17"	Yes	3	-	19-24'	Yes	No	Private	37.382952	-122.04342
S-11-E	Podocarpus	12-17"	Yes	3	-	19-24'	Yes	No	Private	37.382922	-122.04334
S-12-E	Podocarpus	18-23"	Yes	3	-	19-24'	Yes	No	Private	37.382904	-122.04329
S-13-E	Podocarpus	12-17"	Yes	3	-	19-24'	Yes	No	Private	37.382871	-122.0432

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
S-14-E	Podocarpus	18-23"	Yes	4	-	19-24'	Yes	No	Private	37.382854	-122.04314
S-15-E	Podocarpus	18-23"	Yes	3	-	19-24'	Yes	No	Private	37.38284	-122.04309
S-16-E	Podocarpus	18-23"	Yes	3	-	19-24'	Yes	No	Private	37.382793	-122.04296
S-17-E	Podocarpus	18-23"	Yes	4	-	19-24'	Yes	No	Private	37.38278	-122.04291
S-18-E	Podocarpus	18-23"	Yes	4	-	19-24'	Yes	No	Private	37.382766	-122.04285
S-19-E	Podocarpus	12-17"	Yes	4	-	19-24'	Yes	No	Private	37.382729	-122.04275
S-20-E	London plane	18-23"	Yes	4	-	24-29'	No	No	Private	37.382722	-122.04271
S-21-E	Podocarpus	18-23"	Yes	4	-	19-24'	Yes	No	Private	37.382698	-122.04267
S-22-E	Podocarpus	12-17"	Yes	4	-	19-24'	Yes	No	Private	37.382689	-122.0426
S-23-E	Podocarpus	12-17"	Yes	3	-	19-24'	Yes	No	Private	37.382662	-122.04253
S-24-E	Podocarpus	18-23"	Yes	4	-	19-24'	Yes	No	Private	37.382592	-122.04234
S-25-E	Podocarpus	18-23"	Yes	4	-	19-24'	Yes	No	Private	37.382587	-122.04231
S-26-E	Podocarpus	12-17"	Yes	4	-	19-24'	Yes	No	Private	37.382562	-122.04225
S-27-E	London plane	18-23"	Yes	4	-	09-13'	Yes	No	Private	37.382545	-122.04219
S-28-E	Podocarpus	18-23"	Yes	4	-	19-24'	Yes	No	Private	37.382514	-122.04208
S-29-E	Podocarpus	18-23"	Yes	4	-	24-29'	No	No	Private	37.3825	-122.04205
S-30-E	Podocarpus	18-23"	Yes	3	-	24-29'	No	No	Private	37.382485	-122.04201
S-31-E	Podocarpus	18-23"	Yes	3	-	19-24'	Yes	No	Private	37.382462	-122.04195
S-32-E	Podocarpus	12-17"	Yes	3	-	19-24'	Yes	No	Private	37.382447	-122.0419
S-33-E	Podocarpus	12-17"	Yes	3	-	24-29'	No	No	Private	37.38243	-122.04186
S-34-E	Podocarpus	18-23"	Yes	4	-	19-24'	Yes	No	Private	37.382426	-122.04183
S-35-E	Podocarpus	18-23"	Yes	3	-	19-24'	Yes	No	Private	37.382417	-122.04181
S-36-E	Sweetgum	04-11"	No	3	-	24-29'	No	No	Private	37.382408	-122.04177
S-37-E	Podocarpus	12-17"	Yes	4	-	24-29'	No	No	Private	37.382392	-122.04173
S-38-E	Podocarpus	18-23"	Yes	4	-	14-18'	Yes	No	Private	37.382378	-122.04168
S-39-E	Podocarpus	24-30"	Yes	3	-	19-24'	Yes	No	Private	37.382357	-122.0416
S-40-E	London plane	12-17"	Yes	4	-	19-24'	Yes	No	Private	37.382337	-122.04153
S-41-E	Podocarpus	12-17"	Yes	4	-	19-24'	Yes	No	Private	37.382305	-122.04146
S-42-E	Podocarpus	12-17"	No	4	-	19-24'	Yes	No	Private	37.382279	-122.04138
S-43-E	Podocarpus	12-17"	Yes	4	-	19-24'	Yes	No	Private	37.382258	-122.04131
S-44-E	Podocarpus	12-17"	Yes	4	-	19-24'	Yes	No	Private	37.382237	-122.04125
S-45-E	Podocarpus	12-17"	No	4	-	19-24'	Yes	No	Private	37.382217	-122.04118

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
S-46-E	Podocarpus	06-11"	No	4	-	24-29'	No	No	Private	37.382204	-122.04113
S-47-E	Podocarpus	12-17"	Yes	4	-	19-24'	Yes	No	Private	37.382189	-122.04108
S-48-E	Canary Island pine	24-30"	Yes	3	-	04-08'	Yes	No	Private	37.382126	-122.04092
S-49-E	Podocarpus	06-11"	No	4	-	19-24'	Yes	No	Private	37.382104	-122.04084
S-50-E	Podocarpus	04-11"	No	3	-	14-18'	Yes	No	Private	37.382085	-122.0408
S-51-E	Evergreen ash	24-30"	Yes	4	-	09-13'	Yes	No	Private	37.382078	-122.04077
S-52-E	Podocarpus	04-11"	No	3	-	19-24'	Yes	No	Private	37.382062	-122.04074
S-53-E	Canary Island pine	18-23"	Yes	4	-	19-24'	Yes	No	Private	37.382047	-122.04068
S-54-E	Canary Island pine	18-23"	Yes	4	-	19-24'	Yes	No	Private	37.382024	-122.04062
S-55-E	Canary Island pine	18-23"	Yes	4	-	19-24'	Yes	No	Private	37.382006	-122.04057
S-56-E	Evergreen ash	24-30"	Yes	4	-	09-13'	Yes	No	Private	37.382002	-122.04054
S-57-E	Podocarpus	04-11"	No	3	-	19-24'	Yes	No	Private	37.381982	-122.04049
S-58-E	Podocarpus	04-11"	No	3	-	19-24'	Yes	No	Private	37.381963	-122.04043
S-59-E	Evergreen ash	24-30"	Yes	3	-	09-13'	Yes	No	Private	37.381951	-122.0404
S-60-E	Podocarpus	04-11"	No	3	-	24-29'	No	No	Private	37.381944	-122.04037
S-61-E	Canary Island pine	30-35"	Yes	3	-	14-18'	Yes	No	Private	37.381916	-122.04029
S-62-E	Canary Island pine	24-30"	Yes	4	-	09-13'	Yes	No	Private	37.381893	-122.04021
S-63-E	Podocarpus	04-11"	No	3	-	19-24'	Yes	No	Private	37.38188	-122.04017
S-64-E	Evergreen ash	24-30"	Yes	3	-	14-18'	Yes	No	Private	37.381876	-122.04014
S-65-E	Podocarpus	04-11"	No	3	-	19-24'	Yes	No	Private	37.381863	-122.04012
S-66-E	Podocarpus	04-11"	No	3	-	24-29'	No	No	Private	37.381856	-122.04009
S-67-E	Evergreen ash	24-30"	Yes	3	-	14-18'	Yes	No	Private	37.381847	-122.04007
S-68-E	Podocarpus	04-11"	No	3	-	19-24'	Yes	No	Private	37.381837	-122.04004
S-69-E	Evergreen ash	24-30"	Yes	3	-	09-13'	Yes	No	Private	37.381827	-122.04
S-70-E	Podocarpus	04-11"	No	3	-	19-24'	Yes	No	Private	37.381818	-122.03998
S-71-E	Podocarpus	04-11"	No	3	-	24-29'	No	No	Private	37.381809	-122.03996
S-72-E	Evergreen ash	30-35"	Yes	3	-	14-18'	Yes	No	Private	37.381798	-122.03991
S-73-E	Podocarpus	04-11"	No	3	-	24-29'	No	No	Private	37.38178	-122.03987
S-74-E	Evergreen ash	30-35"	Yes	3	-	09-13'	Yes	No	Private	37.381761	-122.03982
S-75-E	Podocarpus	04-11"	No	3	-	24-29'	No	No	Private	37.381745	-122.03976
S-76-E	Evergreen ash	24-30"	Yes	3	-	24-29'	No	No	Private	37.381741	-122.03974
S-77-E	Podocarpus	04-11"	No	3	-	19-24'	Yes	No	Private	37.381728	-122.03971

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
S-78-E	Evergreen ash	24-30"	Yes	3	-	19-24'	Yes	No	Private	37.381709	-122.03966
S-79-E	Podocarpus	04-11"	No	3	-	19-24'	Yes	No	Private	37.381694	-122.03961
S-80-E	Canary Island pine	18-23"	Yes	4	-	19-24'	Yes	No	Private	37.381658	-122.03951
S-81-E	Canary Island pine	18-23"	Yes	3	-	19-24'	Yes	No	Private	37.381642	-122.03945
S-82-E	California pepper	04-11"	No	3	24-29'	-	Yes	25%	ROW	37.381589	-122.03936
S-83-E	Evergreen ash	24-30"	Yes	3	-	14-18'	Yes	No	Private	37.381608	-122.03934
S-84-E	Canary Island pine	18-23"	Yes	3	-	14-18'	Yes	No	Private	37.381591	-122.03927
S-85-E	Canary Island pine	24-30"	Yes	4	-	14-18'	Yes	No	Private	37.381577	-122.03921
S-86-E	Raywood ash	04-11"	No	4	-	24-29'	No	No	Private	37.38145	-122.03888
S-87-E	Raywood ash	12-17"	No	4	-	24-29'	No	No	Private	37.381387	-122.03867
S-88-E	Raywood ash	12-17"	Yes	4	-	24-29'	No	No	Private	37.381241	-122.03822
S-89-E	Raywood ash	04-11"	No	4	-	24-29'	No	No	Private	37.381197	-122.03809
S-90-E	Raywood ash	12-17"	Yes	3	-	24-29'	No	No	Private	37.381071	-122.03771
S-91-E	Raywood ash	12-17"	Yes	3	-	24-29'	No	No	Private	37.381025	-122.03758
S-92-E	Raywood ash	12-17"	Yes	3	-	24-29'	No	No	Private	37.38099	-122.03747
S-93-E	Coast Live Oak	36-41"	Yes	4	-	14-18'	Yes	No	ROW	37.379536	-122.033
S-94-E	Callery pear	12-17"	Yes	3	19-24'	-	Yes	Yes	Private	37.379267	-122.03238
S-95-E	Callery pear	12-17"	Yes	3	19-24'	-	Yes	Yes	ROW	37.379239	-122.03228
S-96-E	Callery pear	12-17"	Yes	3	19-24'	-	Yes	Yes	ROW	37.379195	-122.03217
S-97-E	Callery pear	12-17"	Yes	3	19-24'	-	Yes	Yes	ROW	37.379154	-122.03203
S-98-E	Callery pear	04-11"	Yes	3	24-29'	-	Yes	25%	Private	37.379121	-122.03193
S-99-E	Callery pear	12-17"	Yes	3	19-24'	-	Yes	Yes	Private	37.379082	-122.03184
S-100-E	Callery pear	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.378999	-122.03155
S-101-E	Valley oak	04-11"	No	4	-	24-29'	No	No	Public	37.379005	-122.03125
S-102-E	Blackwood acacia	12-17"	Yes	3	-	24-29'	No	No	Public	37.37899	-122.03121
S-103-E	Coast Live Oak	30-35"	Yes	4	-	24-29'	No	No	Public	37.378943	-122.03107
S-104-E	Callery pear	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.378789	-122.03091
S-105-E	Callery pear	12-17"	Yes	2	24-29'	-	Yes	25%	ROW	37.378737	-122.03079
S-106-E	Callery pear	04-11"	No	3	24-29'	-	Yes	25%	ROW	37.378709	-122.03068
S-107-E	Coast Live Oak	24-30"	Yes	4	-	24-29'	No	No	Public	37.378787	-122.03058
S-108-E	Callery pear	04-11"	No	3	24-29'	-	Yes	25%	ROW	37.378667	-122.03056
S-109-E	Coast Live Oak	30-35"	Yes	4	-	24-29'	No	No	Public	37.378732	-122.03043

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
S-110-E	Coast Live Oak	18-23"	Yes	4	-	24-29'	No	No	Public	37.378697	-122.03032
S-111-E	Blackwood acacia	04-11"	No	2	24-29'	-	Yes	25%	Public	37.37846	-122.02968
S-112-E	Holly Oak	04-11"	No	3	24-29'	-	Yes	25%	Private	37.378421	-122.02952
S-113-E	Blackwood acacia	04-11"	No	3	24-29'	-	Yes	25%	ROW	37.378412	-122.0295
S-1-W	Crape myrtle	04-11"	No	5	19-24'	-	Yes	Yes	ROW	37.38298	-122.04417
S-2-W	Bottlebrush	04-11"	No	3	24-29'	-	Yes	25%	ROW	37.382945	-122.04405
S-3-W	Crape myrtle	04-11"	No	5	19-24'	-	Yes	Yes	ROW	37.38289	-122.04389
S-4-W	Bottlebrush	04-11"	No	3	24-29'	-	Yes	25%	ROW	37.382879	-122.04388
S-5-W	Bottlebrush	04-11"	No	3	24-29'	-	Yes	25%	ROW	37.382877	-122.04388
S-6-W	Bottlebrush	04-11"	No	3	24-29'	-	Yes	25%	ROW	37.382872	-122.04387
S-7-W	Bottlebrush	04-11"	No	3	24-29'	-	Yes	25%	ROW	37.382868	-122.04385
S-8-W	Bottlebrush	04-11"	No	3	24-29'	-	Yes	25%	ROW	37.382861	-122.04384
S-9-W	Bottlebrush	04-11"	No	3	24-29'	-	Yes	25%	ROW	37.382856	-122.04382
S-10-W	Bottlebrush	04-11"	No	3	24-29'	-	Yes	25%	ROW	37.382853	-122.04381
S-11-W	Bottlebrush	04-11"	No	3	24-29'	-	Yes	25%	ROW	37.382849	-122.0438
S-12-W	Bottlebrush	04-11"	No	3	24-29'	-	Yes	25%	ROW	37.382846	-122.04379
S-13-W	Compact myrtle	04-11"	No	3	14-18'	-	Yes	Yes	ROW	37.382845	-122.04378
S-14-W	Bottlebrush	04-11"	No	3	24-29'	-	Yes	25%	ROW	37.382833	-122.04375
S-15-W	Bottlebrush	04-11"	No	3	24-29'	-	Yes	25%	ROW	37.38283	-122.04374
S-16-W	Bottlebrush	04-11"	No	3	24-29'	-	Yes	25%	ROW	37.382824	-122.04372
S-17-W	Crape myrtle	04-11"	No	5	19-24'	-	Yes	Yes	ROW	37.382815	-122.04366
S-18-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382806	-122.04364
S-19-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382798	-122.04362
S-20-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382788	-122.0436
S-21-W	Flaxleaf paperbark	06-11"	No	2	19-24'	-	Yes	Yes	ROW	37.382782	-122.04358
S-22-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382773	-122.04356
S-23-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382767	-122.04354
S-24-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382759	-122.04351
S-25-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.38275	-122.04349
S-26-W	Flaxleaf paperbark	18-23"	Yes	3	19-24'	-	Yes	Yes	ROW	37.382738	-122.04346
S-27-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382728	-122.04342
S-28-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382723	-122.04339

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
S-29-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.38272	-122.04338
S-30-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382715	-122.04336
S-31-W	Compact myrtle	04-11"	No	3	14-18'	-	Yes	Yes	ROW	37.382708	-122.04333
S-32-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382693	-122.04328
S-33-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382682	-122.04326
S-34-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382675	-122.04323
S-35-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382664	-122.0432
S-36-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382652	-122.04317
S-37-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382639	-122.04313
S-38-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.38263	-122.0431
S-39-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382616	-122.04307
S-40-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.38261	-122.04304
S-41-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382598	-122.04301
S-42-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382586	-122.04297
S-43-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382578	-122.04295
S-44-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382576	-122.04293
S-45-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.38257	-122.04291
S-46-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382564	-122.0429
S-47-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382556	-122.04288
S-48-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.38255	-122.04286
S-49-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382545	-122.04283
S-50-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382535	-122.04281
S-51-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382523	-122.04278
S-52-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382513	-122.04275
S-53-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382505	-122.04272
S-54-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382496	-122.04269
S-55-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382486	-122.04266
S-56-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382474	-122.04262
S-57-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382462	-122.04259
S-58-W	Flaxleaf paperbark	06-11"	No	2	19-24'	-	Yes	Yes	ROW	37.382452	-122.04257
S-59-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382448	-122.04254
S-60-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382438	-122.04252

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
S-61-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382431	-122.04249
S-62-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382419	-122.04246
S-63-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382407	-122.04243
S-64-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382397	-122.0424
S-65-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382392	-122.04238
S-66-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.38238	-122.04235
S-67-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382373	-122.04232
S-68-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382366	-122.0423
S-69-W	Blackwood acacia	30-35"	Yes	1	19-24'	-	Yes	Yes	ROW	37.382362	-122.04228
S-70-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382354	-122.04226
S-71-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382343	-122.04224
S-72-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382336	-122.04222
S-73-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382331	-122.04219
S-74-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382323	-122.04217
S-75-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382315	-122.04215
S-76-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382305	-122.04211
S-77-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382296	-122.04209
S-78-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382288	-122.04207
S-79-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382281	-122.04205
S-80-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382272	-122.04203
S-81-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382263	-122.04199
S-82-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.38225	-122.04196
S-83-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382239	-122.04192
S-84-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382227	-122.04188
S-85-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382215	-122.04184
S-86-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382197	-122.0418
S-87-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382189	-122.04177
S-88-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382178	-122.04173
S-89-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382165	-122.0417
S-90-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382153	-122.04166
S-91-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382141	-122.04162
S-92-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382121	-122.04157

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
S-93-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382107	-122.04151
S-94-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382091	-122.04146
S-95-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382068	-122.0414
S-96-W	Flaxleaf paperbark	18-23"	Yes	4	19-24'	-	Yes	Yes	ROW	37.382051	-122.04133
S-97-W	Flaxleaf paperbark	18-23"	Yes	4	19-24'	-	Yes	Yes	ROW	37.382022	-122.04124
S-98-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.382001	-122.04119
S-99-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381988	-122.04115
S-100-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.38198	-122.04112
S-101-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.38197	-122.04109
S-102-W	Compact myrtle	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381952	-122.04106
S-103-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381945	-122.04103
S-104-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381934	-122.041
S-105-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381925	-122.04098
S-106-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381916	-122.04095
S-107-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381907	-122.04092
S-108-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381901	-122.0409
S-109-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381895	-122.04088
S-110-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381888	-122.04085
S-111-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381885	-122.04083
S-112-W	Crape myrtle	04-11"	No	4	24-29'	-	Yes	25%	ROW	37.381864	-122.04076
S-113-W	Crape myrtle	04-11"	No	4	24-29'	-	Yes	25%	ROW	37.38184	-122.04071
S-114-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381834	-122.04068
S-115-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381826	-122.04067
S-116-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381822	-122.04065
S-117-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381815	-122.04064
S-118-W	Crape myrtle	04-11"	No	4	24-29'	-	Yes	25%	ROW	37.381804	-122.04063
S-119-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381799	-122.0406
S-120-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381793	-122.04058
S-121-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381787	-122.04056
S-122-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381776	-122.04053
S-123-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.38177	-122.0405
S-124-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381762	-122.04048

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
S-125-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381756	-122.04045
S-126-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381749	-122.04043
S-127-W	Compact myrtle	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381735	-122.04041
S-128-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.38173	-122.04038
S-129-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381744	-122.04042
S-130-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381728	-122.04035
S-131-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381722	-122.04033
S-132-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.38171	-122.0403
S-133-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381706	-122.04028
S-134-W	Evergreen ash	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381682	-122.04023
S-135-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381657	-122.04017
S-136-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381672	-122.0402
S-137-W	Crape myrtle	04-11"	No	5	19-24'	-	Yes	Yes	ROW	37.381646	-122.04015
S-138-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381629	-122.04011
S-139-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381628	-122.04009
S-140-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.38163	-122.04007
S-141-W	Coast Live Oak	04-11"	No	4	19-24'	-	Yes	Yes	ROW	37.381631	-122.04006
S-142-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.38162	-122.04003
S-143-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381612	-122.04002
S-144-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381606	-122.04
S-145-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381597	-122.03997
S-146-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381589	-122.03994
S-147-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381579	-122.0399
S-148-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381567	-122.03987
S-149-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381558	-122.03984
S-150-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381547	-122.0398
S-151-W	Crape myrtle	04-11"	No	4	19-24'	-	Yes	Yes	ROW	37.381545	-122.03977
S-152-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381532	-122.03974
S-153-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381518	-122.03971
S-154-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381509	-122.03968
S-155-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381496	-122.03965
S-156-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381484	-122.03962

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
S-157-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381473	-122.03957
S-158-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381458	-122.03953
S-159-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381447	-122.0395
S-160-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381441	-122.03947
S-161-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381436	-122.03945
S-162-W	Evergreen ash	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381431	-122.03942
S-163-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381396	-122.03933
S-164-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381392	-122.03932
S-165-W	Flaxleaf paperbark	12-17"	Yes	2	19-24'	-	Yes	Yes	ROW	37.381384	-122.03931
S-166-W	Flaxleaf paperbark	18-23"	Yes	4	19-24'	-	Yes	Yes	ROW	37.381378	-122.03929
S-167-W	Flaxleaf paperbark	12-17"	Yes	4	19-24'	-	Yes	Yes	ROW	37.381368	-122.03927
S-168-W	Evergreen ash	04-11"	No	4	19-24'	-	Yes	Yes	ROW	37.38135	-122.03924
S-169-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381349	-122.03922
S-170-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381341	-122.0392
S-171-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381338	-122.03919
S-172-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381335	-122.03918
S-173-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381329	-122.03916
S-174-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381324	-122.03915
S-175-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381319	-122.03913
S-176-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381315	-122.03911
S-177-W	Evergreen ash	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.3813	-122.03909
S-178-W	Coast Live Oak	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381294	-122.03908
S-179-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381293	-122.03904
S-180-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381283	-122.03901
S-181-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381275	-122.03898
S-182-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381262	-122.03894
S-183-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381251	-122.03891
S-184-W	Flaxleaf paperbark	18-23"	Yes	4	19-24'	-	Yes	Yes	ROW	37.381232	-122.03886
S-185-W	African sumac	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381218	-122.03881
S-186-W	Flaxleaf paperbark	12-17"	Yes	4	24-29'	-	Yes	25%	ROW	37.381195	-122.03876
S-187-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381188	-122.03872
S-188-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381175	-122.0387

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
S-189-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381166	-122.03866
S-190-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381157	-122.03864
S-191-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.38115	-122.03861
S-192-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381144	-122.0386
S-193-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381135	-122.03857
S-194-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381127	-122.03855
S-195-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381122	-122.03853
S-196-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381113	-122.0385
S-197-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381104	-122.03848
S-198-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381098	-122.03846
S-199-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381093	-122.03844
S-200-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381086	-122.03843
S-201-W	Flaxleaf paperbark	18-23"	Yes	4	24-29'	-	Yes	25%	ROW	37.381067	-122.03839
S-202-W	Flaxleaf paperbark	18-23"	Yes	4	24-29'	-	Yes	25%	ROW	37.38106	-122.03836
S-203-W	Flaxleaf paperbark	18-23"	Yes	3	24-29'	-	Yes	25%	ROW	37.381054	-122.03835
S-204-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381049	-122.03833
S-205-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381044	-122.03831
S-206-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381037	-122.03828
S-207-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381029	-122.03826
S-208-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381023	-122.03823
S-209-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381013	-122.0382
S-210-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.381001	-122.03817
S-211-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380992	-122.03814
S-212-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380984	-122.03811
S-213-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380975	-122.03809
S-214-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380967	-122.03806
S-215-W	Holly Oak	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.38096	-122.03805
S-216-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380954	-122.03802
S-217-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380941	-122.03798
S-218-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380926	-122.03794
S-219-W	Flaxleaf paperbark	24-30"	Yes	3	24-29'	-	Yes	25%	ROW	37.380901	-122.0379
S-220-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380891	-122.03784

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
S-221-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380883	-122.03781
S-222-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380875	-122.03778
S-223-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380868	-122.03775
S-224-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380857	-122.03772
S-225-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380844	-122.03769
S-226-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380839	-122.03767
S-227-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380833	-122.03765
S-228-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380828	-122.03763
S-229-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380817	-122.0376
S-230-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380808	-122.03758
S-231-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380802	-122.03756
S-232-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380794	-122.03754
S-233-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380787	-122.03751
S-234-W	Flaxleaf paperbark	24-30"	Yes	3	24-29'	-	Yes	25%	ROW	37.380752	-122.03743
S-235-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380744	-122.03738
S-236-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380735	-122.03736
S-237-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380727	-122.03733
S-238-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380718	-122.0373
S-239-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380705	-122.03726
S-240-W	Crape myrtle	04-11"	No	4	24-29'	-	Yes	25%	ROW	37.380684	-122.03722
S-241-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380675	-122.03719
S-242-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380669	-122.03716
S-243-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380659	-122.03714
S-244-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380648	-122.0371
S-245-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380638	-122.03707
S-246-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380628	-122.03704
S-247-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380621	-122.03702
S-248-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380613	-122.03699
S-249-W	Crape myrtle	04-11"	No	4	24-29'	-	Yes	25%	ROW	37.3806	-122.03696
S-250-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380596	-122.03693
S-251-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380585	-122.0369
S-252-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380576	-122.03687

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
S-253-W	Flaxleaf paperbark	04-11"	No	4	24-29'	-	Yes	25%	ROW	37.38056	-122.03685
S-254-W	Chinese elm	18-23"	No	2	24-29'	-	Yes	25%	ROW	37.380544	-122.03681
S-255-W	Coast Live Oak	04-11"	No	4	19-24'	-	Yes	Yes	ROW	37.380524	-122.03672
S-256-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380514	-122.03668
S-257-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380507	-122.03666
S-258-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380501	-122.03664
S-259-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380492	-122.03661
S-260-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380483	-122.03659
S-261-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380476	-122.03657
S-262-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380467	-122.03654
S-263-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380459	-122.03652
S-264-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380452	-122.0365
S-265-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380445	-122.03648
S-266-W	Flaxleaf paperbark	12-17"	No	1	24-29'	-	Yes	25%	ROW	37.380429	-122.03647
S-267-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380427	-122.03643
S-268-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380416	-122.03639
S-269-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380411	-122.03637
S-270-W	Crape myrtle	04-11"	No	4	24-29'	-	Yes	25%	ROW	37.3804	-122.03635
S-271-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380395	-122.03632
S-272-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380385	-122.03631
S-273-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380378	-122.03629
S-274-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380373	-122.03626
S-275-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380366	-122.03624
S-276-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.38036	-122.03623
S-277-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380353	-122.03621
S-278-W	Coast Live Oak	12-17"	Yes	4	19-24'	-	Yes	Yes	ROW	37.380341	-122.0362
S-279-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380325	-122.03615
S-280-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380322	-122.03614
S-281-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380317	-122.03612
S-282-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380313	-122.0361
S-283-W	Crape myrtle	04-11"	No	5	24-29'	-	Yes	25%	ROW	37.380299	-122.03609
S-284-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380273	-122.036

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
S-285-W	Crape myrtle	04-11"	No	5	24-29'	-	Yes	25%	ROW	37.380258	-122.03595
S-286-W	Coast Live Oak	04-11"	Yes	4	19-24'	-	Yes	Yes	ROW	37.380247	-122.03592
S-287-W	Coast Live Oak	04-11"	No	4	19-24'	-	Yes	Yes	ROW	37.380247	-122.0359
S-288-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380242	-122.03588
S-289-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380239	-122.03587
S-290-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380228	-122.03583
S-291-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380218	-122.03581
S-292-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380211	-122.03578
S-293-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380201	-122.03576
S-294-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380197	-122.03574
S-295-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380192	-122.03573
S-296-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.38019	-122.03571
S-297-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380181	-122.03569
S-298-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380173	-122.03567
S-299-W	Coast Live Oak	18-23"	Yes	3	19-24'	-	Yes	Yes	ROW	37.38017	-122.03566
S-300-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380165	-122.03564
S-301-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380159	-122.03562
S-302-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380155	-122.03561
S-303-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.380154	-122.0356
S-304-W	Bottlebrush	04-11"	No	3	19-24'	-	Yes	Yes	ROW	37.38015	-122.03559
S-305-W	Coast Live Oak	18-23"	Yes	3	19-24'	-	Yes	Yes	ROW	37.38014	-122.03556
S-306-W	Coast Live Oak	24-30"	Yes	4	19-24'	-	Yes	Yes	ROW	37.380095	-122.03545
S-307-W	Mexican fan palm	12-17"	Yes	5	14-18'	-	Yes	Yes	ROW	37.379931	-122.03494
S-308-W	Hopseed	04-11"	No	2	19-24'	-	Yes	Yes	ROW	37.379795	-122.0345
S-309-W	Mexican fan palm	24-30"	Yes	5	19-24'	-	Yes	Yes	ROW	37.379736	-122.03436
S-310-W	Mexican fan palm	12-17"	Yes	5	19-24'	-	Yes	Yes	ROW	37.379641	-122.03406
S-311-W	Mexican fan palm	12-17"	Yes	5	19-24'	-	Yes	Yes	ROW	37.379631	-122.03406
S-312-W	Mexican fan palm	12-17"	Yes	5	19-24'	-	Yes	Yes	ROW	37.379638	-122.03405
S-313-W	Mexican fan palm	12-17"	Yes	5	19-24'	-	Yes	Yes	ROW	37.379643	-122.03403
S-314-W	Mexican fan palm	12-17"	Yes	5	19-24'	-	Yes	Yes	ROW	37.379627	-122.03403
S-315-W	Mexican fan palm	18-23"	Yes	5	19-24'	-	Yes	Yes	ROW	37.379589	-122.03391
S-316-W	Purple leaf plum	04-11"	No	2	24-29'	-	Yes	25%	Private	37.373647	-122.01534

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
S-317-W	Purple leaf plum	04-11"	No	2	24-29'	-	Yes	25%	Private	37.373635	-122.01531
S-318-W	Purple leaf plum	04-11"	No	2	24-29'	-	Yes	25%	Private	37.373611	-122.01518
S-319-W	Coast Redwood	24-30"	Yes	5	19-24'	-	Yes	Yes	Private	37.373593	-122.01509
S-320-W	Coast Redwood	18-23"	Yes	5	19-24'	-	Yes	Yes	Private	37.373579	-122.01503
S-321-W	Coast Redwood	24-30"	Yes	5	19-24'	-	Yes	Yes	Private	37.373572	-122.015
S-322-W	Coast Redwood	18-23"	Yes	5	19-24'	-	Yes	Yes	Private	37.373565	-122.01497
S-323-W	Coast Redwood	24-30"	Yes	4	19-24'	-	Yes	Yes	Private	37.37355	-122.0149
S-324-W	Coast Redwood	24-30"	Yes	5	19-24'	-	Yes	Yes	Private	37.373529	-122.01479
S-325-W	Coast Redwood	24-30"	Yes	5	19-24'	-	Yes	Yes	Private	37.373525	-122.01472
S-326-W	Coast Redwood	24-30"	Yes	5	19-24'	-	Yes	Yes	Private	37.373511	-122.0147
S-327-W	Coast Redwood	24-30"	Yes	5	19-24'	-	Yes	Yes	Private	37.373509	-122.01467
S-328-W	London plane	12-17"	Yes	4	19-24'	-	Yes	Yes	Private	37.373504	-122.01464
S-329-W	London plane	18-23"	Yes	4	19-24'	-	Yes	Yes	Private	37.373489	-122.01461
S-330-W	London plane	18-23"	Yes	3	19-24'	-	Yes	Yes	Private	37.37349	-122.01457
S-331-W	London plane	18-23"	Yes	4	19-24'	-	Yes	Yes	Private	37.373406	-122.01419
S-332-W	London plane	12-17"	Yes	4	19-24'	-	Yes	Yes	Private	37.37339	-122.01413
S-333-W	Glossy privet	04-11"	No	3	-	24-29'	No	No	ROW	37.37336	-122.01412
S-334-W	Mexican fan palm	12-17"	Yes	5	-	24-29'	No	No	Private	37.37328	-122.01372
S-335-W	Carrotwood	18-23"	Yes	4	24-29'	-	Yes	25%	Private	37.373302	-122.0137
S-336-W	Coast Redwood	24-30"	Yes	4	-	24-29'	No	No	Private	37.373208	-122.01335
S-337-W	Coast Redwood	24-30"	Yes	4	-	24-29'	No	No	Private	37.373197	-122.01331
S-338-W	Bottlebrush	04-11"	No	3	24-29'	-	Yes	25%	Private	37.372789	-122.01121
S-339-W	London plane	30-35"	Yes	5	-	19-24'	Yes	No	Private	37.372744	-122.01119
S-340-W	London plane	24-30"	Yes	4	-	24-29'	No	No	Private	37.372732	-122.01111
S-341-W	Coast Redwood	24-30"	Yes	5	24-29'	-	Yes	25%	Private	37.372751	-122.01098
S-342-W	Coast Redwood	24-30"	Yes	5	24-29'	-	Yes	25%	Private	37.37274	-122.01091
S-343-W	Coast Redwood	24-30"	Yes	5	24-29'	-	Yes	25%	Private	37.372715	-122.01082
S-344-W	Coast Redwood	24-30"	Yes	5	24-29'	-	Yes	25%	Private	37.372703	-122.01076
S-345-W	Coast Redwood	24-30"	Yes	5	24-29'	-	Yes	25%	Private	37.372689	-122.01069
S-346-W	Coast Redwood	24-30"	Yes	5	-	24-29'	No	No	Private	37.372654	-122.01065
S-347-W	Coast Redwood	24-30"	Yes	5	-	19-24'	Yes	No	Private	37.372644	-122.0106
S-348-W	Coast Redwood	04-11"	No	5	19-24'	-	Yes	Yes	Private	37.372648	-122.01047

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
S-349-W	Canary Island pine	18-23"	Yes	4	24-29'	-	Yes	25%	Private	37.372616	-122.01031
S-350-W	Canary Island pine	04-11"	No	5	-	24-29'	No	No	Private	37.37257	-122.01018
S-351-W	Manna gum	42" or greater	Yes	5	-	24-29'	No	No	Private	37.372527	-122.01014
S-352-W	Canary Island pine	04-11"	No	5	-	24-29'	No	No	Private	37.372551	-122.01009
S-353-W	Canary Island pine	04-11"	No	5	-	24-29'	No	No	Private	37.372533	-122.01002
S-354-W	Canary Island pine	12-17"	Yes	5	-	24-29'	No	No	Private	37.372514	-122.00994
S-355-W	Canary Island pine	12-17"	Yes	4	-	24-29'	No	No	Private	37.372503	-122.00985
S-356-W	Canary Island pine	12-17"	Yes	5	-	24-29'	No	No	Private	37.372483	-122.00977
S-357-W	Hollywood juniper	04-11"	No	2	24-29'	-	Yes	25%	Private	37.372482	-122.00969
S-358-W	Canary Island pine	04-11"	No	5	-	24-29'	No	No	Private	37.372448	-122.00961
S-359-W	Canary Island pine	04-11"	No	5	-	24-29'	No	No	Private	37.372428	-122.00952
S-360-W	Zylosma	04-11"	No	4	-	24-29'	No	No	Private	37.372426	-122.00948
S-361-W	Zylosma	12-17"	Yes	4	24-29'	-	Yes	25%	Private	37.37244	-122.00943
S-362-W	Zylosma	12-17"	Yes	4	24-29'	-	Yes	25%	Private	37.372427	-122.00938
S-363-W	Deodar cedar	18-23"	Yes	4	-	24-29'	No	No	Private	37.372388	-122.00932
S-364-W	Deodar cedar	18-23"	Yes	5	-	14-18'	Yes	No	Private	37.372388	-122.00929
S-365-W	Deodar cedar	18-23"	Yes	4	-	24-29'	No	No	Private	37.372363	-122.00919
S-366-W	Coast Redwood	18-23"	Yes	5	-	19-24'	Yes	No	Private	37.372346	-122.00909
S-367-W	Coast Redwood	18-23"	Yes	5	-	19-24'	Yes	No	Private	37.372327	-122.009
S-368-W	Coast Redwood	04-11"	Yes	5	24-29'	-	Yes	25%	Private	37.372327	-122.00889
S-369-W	Coast Redwood	24-30"	Yes	5	-	19-24'	Yes	No	Private	37.372278	-122.00885
S-370-W	Coast Redwood	24-30"	Yes	5	-	14-18'	Yes	No	Private	37.372263	-122.00878
S-371-W	Zylosma	12-17"	Yes	4	24-29'	-	Yes	25%	Private	37.372281	-122.00866
S-372-W	Silver dollar gum	12-17"	Yes	3	24-29'	-	Yes	25%	Private	37.372276	-122.00859
S-373-W	Podocarpus	04-11"	No	4	24-29'	-	Yes	25%	Private	37.372246	-122.00849
S-374-W	Glossy privet	12-17"	Yes	4	-	24-29'	No	No	Private	37.372213	-122.00846
S-375-W	Glossy privet	04-11"	Yes	3	19-24'	-	Yes	Yes	Private	37.372231	-122.00842
S-376-W	Glossy privet	12-17"	Yes	3	-	19-24'	Yes	No	Private	37.372211	-122.00832
S-377-W	Glossy privet	04-11"	Yes	3	24-29'	-	Yes	25%	Private	37.372184	-122.00819
S-378-W	Glossy privet	04-11"	Yes	3	24-29'	-	Yes	25%	Private	37.372174	-122.00815
S-379-W	Glossy privet	12-17"	Yes	3	24-29'	-	Yes	25%	Private	37.372157	-122.00808
S-380-W	Glossy privet	04-11"	Yes	3	24-29'	-	Yes	25%	Private	37.372152	-122.00805

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
S-381-W	Glossy privet	12-17"	Yes	3	24-29'	-	Yes	25%	Private	37.372145	-122.00802
S-382-W	Glossy privet	04-11"	No	3	24-29'	-	Yes	25%	Private	37.372125	-122.00792
S-383-W	Photinia	12-17"	Yes	2	24-29'	-	Yes	25%	Private	37.372113	-122.00786
S-384-W	Photinia	12-17"	Yes	2	24-29'	-	Yes	25%	Private	37.372104	-122.00782
S-385-W	Chinese elm	18-23"	Yes	4	-	19-24'	Yes	No	Private	37.372058	-122.00767
S-386-W	Photinia	04-11"	No	3	19-24'	-	Yes	Yes	Private	37.372064	-122.00764
S-387-W	Photinia	04-11"	No	3	19-24'	-	Yes	Yes	Private	37.37206	-122.00762
S-388-W	Photinia	04-11"	No	3	19-24'	-	Yes	Yes	Private	37.372056	-122.00761
S-389-W	Glossy privet	04-11"	No	3	24-29'	-	Yes	25%	Private	37.372049	-122.0076
S-390-W	Glossy privet	04-11"	No	3	24-29'	-	Yes	25%	Private	37.372054	-122.00759
S-391-W	Coast Redwood	12-17"	Yes	5	-	24-29'	No	No	Private	37.372036	-122.00759
S-392-W	Coast Redwood	12-17"	Yes	5	-	19-24'	Yes	No	Private	37.372026	-122.00752
S-393-W	Monterey pine	18-23"	Yes	2	24-29'	-	Yes	25%	Private	37.372025	-122.00746
S-394-W	Monterey pine	30-35"	Yes	1	24-29'	-	Yes	25%	Private	37.371967	-122.00717
S-395-W	Red iron bark	24-30"	Yes	3	19-24'	-	Yes	Yes	Private	37.371914	-122.0069
S-396-W	Casurina	24-30"	Yes	4	24-29'	-	Yes	25%	Private	37.371872	-122.00664
S-397-W	Brisbane box	04-11"	No	2	24-29'	-	Yes	25%	Private	37.371836	-122.00647
S-398-W	Brisbane box	04-11"	No	2	24-29'	-	Yes	25%	Private	37.371798	-122.0063
S-399-W	Brisbane box	12-17"	Yes	3	24-29'	-	Yes	25%	Private	37.371728	-122.00595
S-400-W	Brisbane box	04-11"	Yes	3	24-29'	-	Yes	25%	Private	37.371719	-122.00591
S-401-W	Brisbane box	04-11"	Yes	3	24-29'	-	Yes	25%	Private	37.371713	-122.00588
S-402-W	Brisbane box	04-11"	Yes	3	24-29'	-	Yes	25%	Private	37.371705	-122.00585
S-403-W	Italian cypress	12-17"	Yes	4	24-29'	-	Yes	25%	Private	37.371689	-122.00578
S-404-W	Mexican fan palm	18-23"	Yes	5	24-29'	-	Yes	25%	Private	37.371637	-122.00551
S-405-W	Hackberry	04-11"	No	4	24-29'	-	Yes	25%	Private	37.371601	-122.00537
S-406-W	Blackwood acacia	12-17"	Yes	4	14-18'	-	Yes	Yes	Private	37.371554	-122.00496
S-407-W	Blackwood acacia	12-17"	Yes	4	14-18'	-	Yes	Yes	Private	37.371532	-122.00488
S-408-W	Blackwood acacia	04-11"	Yes	4	14-18'	-	Yes	Yes	Private	37.371522	-122.00484
S-409-W	Blackwood acacia	12-17"	Yes	4	14-18'	-	Yes	Yes	Private	37.371515	-122.0048
S-410-W	Blackwood acacia	12-17"	Yes	4	14-18'	-	Yes	Yes	Private	37.371505	-122.00477
S-411-W	Swamp mahogany	12-17"	Yes	3	14-18'	-	Yes	Yes	Private	37.371489	-122.00466
S-412-W	Swamp mahogany	18-23"	Yes	3	14-18'	-	Yes	Yes	Private	37.371471	-122.00457

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
S-413-W	Silver dollar gum	12-17"	Yes	4	14-18'	-	Yes	Yes	Private	37.37144	-122.00442
S-414-W	Silver dollar gum	12-17"	Yes	4	14-18'	-	Yes	Yes	Private	37.371422	-122.00433
S-415-W	Blackwood acacia	04-11"	No	3	14-18'	-	Yes	Yes	Private	37.371398	-122.00419
S-416-W	Myoporum	04-11"	No	1	14-18'	-	Yes	Yes	Private	37.371362	-122.00403
S-417-W	Blackwood acacia	12-17"	Yes	3	14-18'	-	Yes	Yes	Private	37.371339	-122.00392
S-418-W	Podocarpus	04-11"	No	3	14-18'	-	Yes	Yes	Private	37.371307	-122.00382
S-419-W	Podocarpus	04-11"	No	3	14-18'	-	Yes	Yes	Private	37.371293	-122.00374
S-420-W	Evergreen ash	04-11"	No	3	14-18'	-	Yes	Yes	Private	37.371186	-122.0032
S-421-W	Myoporum	04-11"	No	1	14-18'	-	Yes	Yes	Private	37.371172	-122.0031
S-422-W	Zylosma	04-11"	Yes	4	14-18'	-	Yes	Yes	Private	37.371138	-122.0029
S-423-W	Silver dollar gum	12-17"	Yes	3	14-18'	-	Yes	Yes	Private	37.371095	-122.00273
S-424-W	Lombardy poplar	18-23"	Yes	4	14-18'	-	Yes	Yes	Private	37.371075	-122.00263
S-425-W	Lombardy poplar	24-30"	Yes	5	14-18'	-	Yes	Yes	Private	37.371066	-122.00259
S-426-W	Mexican fan palm	18-23"	Yes	4	19-24'	-	Yes	Yes	Private	37.370655	-122.00057
S-427-W	Mexican fan palm	18-23"	Yes	4	19-24'	-	Yes	Yes	Private	37.37064	-122.00055
S-428-W	Mexican fan palm	18-23"	Yes	4	19-24'	-	Yes	Yes	Private	37.370652	-122.00052
S-429-W	Mexican fan palm	18-23"	Yes	4	19-24'	-	Yes	Yes	Private	37.370633	-122.00053
S-430-W	Mexican fan palm	18-23"	Yes	4	19-24'	-	Yes	Yes	Private	37.370613	-122.00052
U2-1-E	Bailey acacia	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.469639	-122.20564
U2-2-E	Coast Live Oak	24-30"	Yes	5	-	04-08'	Yes	No	Private	37.469578	-122.20549
U2-3-E	Blackwood acacia	24-30"	Yes	3	24-29'	-	Yes	25%	ROW	37.469453	-122.20534
U2-4-E	Blackwood acacia	24-30"	Yes	3	24-29'	-	Yes	25%	ROW	37.469438	-122.2053
U2-5-E	Blackwood acacia	24-30"	Yes	3	24-29'	-	Yes	25%	ROW	37.46942	-122.20527
U2-6-E	Blackwood acacia	18-23"	Yes	3	-	14-18'	Yes	No	Private	37.469392	-122.2052
U2-7-E	Mulberry	06-11"	No	3	-	19-24'	Yes	No	Private	37.469371	-122.20516
U2-8-E	Valley oak	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.469332	-122.20513
U2-9-E	Blackwood acacia	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.469293	-122.20507
U2-10-E	Coast Live Oak	12-17"	Yes	4	24-29'	-	Yes	25%	ROW	37.469257	-122.20502
U2-11-E	Glossy privet	18-23"	Yes	3	-	14-18'	Yes	No	Private	37.469254	-122.20498
U2-12-E	Coast Live Oak	12-17"	Yes	3	19-24'	-	Yes	Yes	ROW	37.469207	-122.20495
U2-13-E	Valley oak	06-11"	No	4	24-29'	-	Yes	25%	ROW	37.469161	-122.20487
U2-14-E	Glossy privet	06-11"	No	3	-	19-24'	Yes	No	Private	37.469172	-122.20485

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
U2-15-E	Coast Live Oak	18-23"	Yes	4	24-29'	-	Yes	25%	ROW	37.469142	-122.20484
U2-16-E	Valley oak	18-23"	Yes	3	24-29'	-	Yes	25%	ROW	37.469049	-122.20468
U2-17-E	Coast Live Oak	06-11"	No	4	19-24'	-	Yes	Yes	ROW	37.469007	-122.20465
U2-18-E	Bailey acacia	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.468975	-122.20457
U2-19-E	Bailey acacia	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.468945	-122.20454
U2-20-E	Coast Live Oak	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.468957	-122.20454
U2-21-E	Valley oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.468924	-122.20449
U2-22-E	Coast Live Oak	06-11"	No	3	24-29'	-	Yes	25%	ROW	37.468906	-122.20447
U2-23-E	River red gum	06-11"	No	3	19-24'	-	Yes	Yes	ROW	37.46881	-122.20433
U2-24-E	Blackwood acacia	36-41"	Yes	3	-	14-18'	Yes	No	Public	37.468794	-122.20425
U2-25-E	Blackwood acacia	18-23"	Yes	2	24-29'	-	Yes	25%	ROW	37.468695	-122.20413
U2-26-E	Blackwood acacia	06-11"	No	2	24-29'	-	Yes	25%	ROW	37.468766	-122.20425
U2-27-E	Blackwood acacia	06-11"	No	2	24-29'	-	Yes	25%	ROW	37.468757	-122.20423
U2-28-E	Blackwood acacia	06-11"	No	2	24-29'	-	Yes	25%	ROW	37.468746	-122.20421
U2-29-E	Blackwood acacia	06-11"	No	2	24-29'	-	Yes	25%	ROW	37.468723	-122.20418
U2-30-E	Blackwood acacia	06-11"	No	2	24-29'	-	Yes	25%	ROW	37.46868	-122.20411
U2-31-E	Blackwood acacia	06-11"	No	2	24-29'	-	Yes	25%	ROW	37.468666	-122.20409
U2-32-E	Blackwood acacia	06-11"	No	2	24-29'	-	Yes	25%	ROW	37.468655	-122.20407
U2-33-E	Blackwood acacia	06-11"	No	2	24-29'	-	Yes	25%	ROW	37.468639	-122.20404
U2-34-E	Blackwood acacia	06-11"	No	2	24-29'	-	Yes	25%	ROW	37.468629	-122.20403
U2-35-E	Blackwood acacia	24-30"	Yes	3	-	14-18'	Yes	No	Public	37.468635	-122.20399
U2-36-E	Blackwood acacia	36-41"	Yes	3	-	14-18'	Yes	No	Public	37.46859	-122.20392
U2-37-E	Blackwood acacia	06-11"	No	2	24-29'	-	Yes	25%	ROW	37.468553	-122.20389
U2-38-E	Coast Live Oak	06-11"	No	2	24-29'	-	Yes	25%	ROW	37.468525	-122.20386
U2-39-E	Coast Live Oak	06-11"	No	1	24-29'	-	Yes	25%	ROW	37.468507	-122.20382
U2-40-E	Coast Live Oak	06-11"	No	1	24-29'	-	Yes	25%	ROW	37.468412	-122.2037
U2-41-E	Blackwood acacia	24-30"	Yes	1	24-29'	-	Yes	25%	ROW	37.468374	-122.20362
U2-42-E	Blackwood acacia	06-11"	No	1	24-29'	-	Yes	25%	ROW	37.468481	-122.20379
U2-43-E	Blackwood acacia	06-11"	No	1	24-29'	-	Yes	25%	ROW	37.468475	-122.20378
U2-44-E	Blackwood acacia	06-11"	No	1	24-29'	-	Yes	25%	ROW	37.468462	-122.20376
U2-45-E	Blackwood acacia	06-11"	No	1	24-29'	-	Yes	25%	ROW	37.468453	-122.20374
U2-46-E	Blackwood acacia	06-11"	No	1	24-29'	-	Yes	25%	ROW	37.468447	-122.20373

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
U2-47-E	Blackwood acacia	06-11"	No	1	24-29'	-	Yes	25%	ROW	37.46844	-122.20372
U2-48-E	Blackwood acacia	06-11"	No	1	24-29'	-	Yes	25%	ROW	37.468434	-122.20371
U2-49-E	Blackwood acacia	06-11"	No	1	24-29'	-	Yes	25%	ROW	37.468429	-122.20371
U2-50-E	Blackwood acacia	06-11"	No	1	24-29'	-	Yes	25%	ROW	37.468418	-122.20369
U2-51-E	Blackwood acacia	06-11"	No	1	24-29'	-	Yes	25%	ROW	37.46841	-122.20368
U2-52-E	Blackwood acacia	06-11"	No	1	24-29'	-	Yes	25%	ROW	37.468399	-122.20367
U2-53-E	Blackwood acacia	06-11"	No	1	24-29'	-	Yes	25%	ROW	37.468392	-122.20365
U2-54-E	Blackwood acacia	06-11"	No	1	24-29'	-	Yes	25%	ROW	37.468382	-122.20364
U2-55-E	Blackwood acacia	06-11"	No	1	24-29'	-	Yes	25%	ROW	37.468375	-122.20363
U2-56-E	Blackwood acacia	06-11"	No	1	24-29'	-	Yes	25%	ROW	37.468365	-122.20362
U2-57-E	Blackwood acacia	06-11"	No	1	24-29'	-	Yes	25%	ROW	37.46836	-122.2036
U2-58-E	Blackwood acacia	06-11"	No	1	24-29'	-	Yes	25%	ROW	37.468357	-122.20359
U2-59-E	Blackwood acacia	06-11"	No	1	24-29'	-	Yes	25%	ROW	37.468348	-122.20358
U2-60-E	Blackwood acacia	06-11"	No	1	24-29'	-	Yes	25%	ROW	37.468342	-122.20357
U2-61-E	Blackwood acacia	06-11"	No	1	24-29'	-	Yes	25%	ROW	37.468337	-122.20356
U2-62-E	Blackwood acacia	06-11"	No	1	24-29'	-	Yes	25%	ROW	37.468331	-122.20355
U2-63-E	Blackwood acacia	06-11"	No	1	24-29'	-	Yes	25%	ROW	37.468323	-122.20355
U2-64-E	Blackwood acacia	06-11"	No	1	24-29'	-	Yes	25%	ROW	37.468321	-122.20354
U2-65-E	Blackwood acacia	06-11"	No	1	24-29'	-	Yes	25%	ROW	37.468316	-122.20353
U2-66-E	Coast Redwood	24-30"	Yes	4	-	24-29'	No	No	Public	37.468338	-122.20353
U2-67-E	Coast Redwood	30-35"	Yes	4	-	24-29'	No	No	Public	37.468299	-122.20347
U2-68-E	Coast Redwood	30-35"	Yes	5	-	19-24'	Yes	No	Public	37.468255	-122.20341
U2-69-E	Coast Redwood	36-41"	Yes	3	-	19-24'	Yes	No	Public	37.468153	-122.20323
U2-70-E	Coast Redwood	24-30"	Yes	5	-	19-24'	Yes	No	Public	37.468106	-122.20315
U2-71-E	Coast Redwood	24-30"	Yes	3	-	19-24'	Yes	No	Public	37.468082	-122.20311
U2-72-E	Coast Redwood	30-35"	Yes	4	-	19-24'	Yes	No	Public	37.468038	-122.20305
U2-73-E	Coast Live Oak	06-11"	No	1	24-29'	-	Yes	25%	ROW	37.468017	-122.20307
U2-74-E	Coast Live Oak	18-23"	Yes	2	24-29'	-	Yes	25%	Private	37.467964	-122.20297
U2-75-E	Valley oak	06-11"	No	3	24-29'	-	Yes	25%	Private	37.467932	-122.20292
U2-76-E	Valley oak	06-11"	No	4	-	19-24'	Yes	No	Private	37.467919	-122.20287
U2-77-E	Coast Live Oak	06-11"	No	2	24-29'	-	Yes	25%	Private	37.4677	-122.20255
U2-78-E	Coast Live Oak	24-30"	Yes	5	24-29'	-	Yes	25%	Private	37.467683	-122.20252

Tree Inventory



Tree ID	Common Name	DBH	Ptd.	Cond.	Trunk to Rail	Canopy to Rail	Impact	Remove	Location	Lat.	Long.
U2-79-E	Valley oak	06-11"	No	3	-	19-24'	Yes	No	Private	37.467672	-122.20247
U2-80-E	Coast Live Oak	12-17"	Yes	4	24-29'	-	Yes	25%	Private	37.467634	-122.20244
U2-81-E	Coast Live Oak	18-23"	Yes	4	24-29'	-	Yes	25%	Private	37.467613	-122.20241
U2-82-E	Coast Live Oak	18-23"	Yes	4	24-29'	-	Yes	25%	ROW	37.467584	-122.20236
U2-83-E	Coast Live Oak	12-17"	Yes	3	24-29'	-	Yes	25%	Private	37.467572	-122.20234
U2-1-W	Bailey acacia	12-17"	Yes	3	-	19-24'	Yes	No	ROW	37.469576	-122.20593
U2-2-W	Coast Live Oak	06-11"	No	4	-	24-29'	No	No	ROW	37.469458	-122.20574
U2-3-W	California black walnut	06-11"	No	3	-	24-29'	No	No	ROW	37.469442	-122.20571
U2-4-W	Bailey acacia	24-30"	Yes	3	-	19-24'	Yes	No	ROW	37.469208	-122.20535
U2-5-W	Coast Live Oak	12-17"	Yes	4	-	19-24'	Yes	No	ROW	37.469148	-122.20524
U2-6-W	California black walnut	06-11"	No	3	-	24-29'	No	No	ROW	37.4691	-122.20518
U2-7-W	Coast Live Oak	12-17"	Yes	4	-	14-18'	Yes	No	ROW	37.469081	-122.20515
U2-8-W	Coast Live Oak	06-11"	No	4	-	24-29'	No	No	ROW	37.469027	-122.20506
U2-9-W	Coast Live Oak	24-30"	Yes	4	-	19-24'	Yes	No	ROW	37.468983	-122.20499
U2-10-W	Coast Live Oak	12-17"	Yes	4	-	19-24'	Yes	No	ROW	37.468908	-122.20488
U2-11-W	Coast Live Oak	12-17"	Yes	4	-	19-24'	Yes	No	ROW	37.468898	-122.20485
U2-12-W	Coast Live Oak	06-11"	No	4	-	19-24'	Yes	No	ROW	37.468886	-122.20479
U2-13-W	Coast Live Oak	12-17"	Yes	2	-	19-24'	Yes	No	ROW	37.468845	-122.20477
U2-14-W	Plum	06-11"	No	1	24-29'	-	Yes	25%	ROW	37.468808	-122.20469
U2-15-W	Valley oak	12-17"	Yes	3	24-29'	-	Yes	25%	ROW	37.468789	-122.20466
U2-16-W	Valley oak	12-17"	Yes	3	-	19-24'	Yes	No	ROW	37.468684	-122.20453
U2-17-W	Valley oak	12-17"	Yes	3	-	19-24'	Yes	No	ROW	37.468637	-122.20444
U2-18-W	Monterey pine	24-30"	Yes	3	-	19-24'	Yes	No	Public	37.468389	-122.20405
U2-19-W	Coast Live Oak	12-17"	Yes	4	-	19-24'	Yes	No	ROW	37.468307	-122.20391
U2-20-W	Coast Live Oak	18-23"	Yes	4	-	19-24'	Yes	No	ROW	37.468283	-122.20393
U2-21-W	Coast Live Oak	24-30"	Yes	4	-	14-18'	Yes	No	Private	37.468123	-122.20366
U2-22-W	Valley oak	06-11"	No	3	-	14-18'	Yes	No	Private	37.468086	-122.20361
U2-23-W	Blue gum	42" or greater	Yes	4	-	19-24'	Yes	No	Private	37.468046	-122.2035
U2-24-W	Valley oak	12-17"	Yes	4	-	14-18'	Yes	No	ROW	37.467998	-122.20342



Attachment 4

**Scientific and Common Names of Plants
Encountered within PCEP**

DRAFT Tree Inventory and Canopy Assessment
Peninsula Corridor Electrification Project
February 2014



Attachment 4 – Scientific and Common Names of Plants encountered within PCEP


Common Name	Scientific Name
African sumac	<i>Rhus lancea</i>
Aleppo pine	<i>Pinus halepensis</i>
Almond	<i>Prunus amygdalus</i>
American elm	<i>Ulmus americana</i>
Arizona cypress	<i>Cupressus arizonica</i>
Austrian pine	<i>Pinus nigra</i>
Avocado	<i>Persea americana</i>
Bailey acacia	<i>Acacia baileyana</i>
Blackwood acacia	<i>Acacia melanoxylon</i>
Blue gum	<i>Eucalyptus globulus</i>
Bottlebrush	<i>Melaleuca viminalis</i>
Brisbane box	<i>Lophostemon confertus</i>
California bay	<i>Umbellularia californica</i>
California black walnut	<i>Juglans hindsii</i>
California pepper	<i>Schinus molle</i>
Callery pear	<i>Pyrus calleryana</i>
Camphor	<i>Cinnamomum camphora</i>
Canary Island palm	<i>Phoenix canariensis</i>
Canary Island pine	<i>Pinus canariensis</i>
Carob	<i>Ceratonia siliqua</i>
Carrot wood	<i>Cupaniopsis anacardioides</i>
Cedar of Lebanon	<i>Cedrus libani</i>
Chestnut	<i>Castanea dentata</i>
Chinese elm	<i>Ulmus parvifolia</i>
Chinese pistache	<i>Pistacia chinensis</i>
Coast Live Oak	<i>Quercus agrifolia</i>
Coast Redwood	<i>Sequoia sempervirens</i>
Compact blue gum	<i>Eucalyptus globulus</i> 'Compacta'
Compact myrtle	<i>Myrtus communis</i> 'Compacta'
Cork screw willow	<i>Salix matsudana</i>
Crape myrtle	<i>Lagerstroemia indica</i>
Deodar cedar	<i>Cedrus deodara</i>
Douglas fir	<i>Pseudotsuga menziesii</i>
English walnut	<i>Juglans regia</i>
Evergreen ash	<i>Fraxinus uhdei</i>
Evergreen elm	<i>Ulmus parvifolia</i>
Evergreen pear	<i>Pyrus kawakamii</i>
Flaxleaf paperbark	<i>Melaleuca linariifolia</i>
Fremont cottonwood	<i>Populus fremontii</i>
Glossy privet	<i>Ligustrum lucidum</i>
Hackberry	<i>Celtis australis</i>

Common Name	Scientific Name
Holly leaf cherry	<i>Prunus ilicifolia</i>
Holly Oak	<i>Quercus ilex</i>
Hollywood juniper	<i>Juniperus chinensis</i>
Hopseed	<i>Dodonaea viscosa</i>
Idaho locust	<i>Robinia x ambigua 'Idahoensis'</i>
Italian buckthorn	<i>Rhamnus alaternus</i>
Italian cypress	<i>Cupressus sempervirens</i>
Italian stone pine	<i>Pinus pinea</i>
Japanese maple	<i>Acer palmatum</i>
Juniper	<i>Juniperus sp.</i>
Lombardy poplar	<i>Populus nigra 'Italica'</i>
London plane	<i>Platanus x hispanica</i>
Manna gum	<i>Eucalyptus viminalis</i>
Mexican fan palm	<i>Washingtonia robusta</i>
Monterey pine	<i>Pinus radiata</i>
Monterey cypress	<i>Hesperocyparis macrocarpa</i>
Mulberry	<i>Morus alba</i>
Myoporum	<i>Myoporum sp.</i>
Olive	<i>Olea europea</i>
Persimmon	<i>Diospyros kaki</i>
Photinia	<i>Photinia sp.</i>
Pittosporum	<i>Pittosporum sp.</i>
Plum	<i>Prunus domestica</i>
Podocarpus	<i>Podocarpus sp.</i>
Portuguese laurel	<i>Prunus lusitanica</i>
Purple leaf plum	<i>Prunus cerasifera</i>
Red iron bark	<i>Eucalyptus sideroxylon</i>
River red gum	<i>Eucalyptus camaldulensis</i>
River she-Oak	<i>Casuarina cunninhamiana</i>
Shiny xylosma	<i>Xylosma congesta</i>
Silver dollar gum	<i>Eucalyptus polyanthemos</i>
Swamp mahogany	<i>Eucalyptus robusta</i>
Sweetgum	<i>Liquidambar styraciflua</i>
Tarata	<i>Pittosporum eugenioides</i>
Tree of heaven	<i>Ailanthus altissima</i>
Valley oak	<i>Quercus lobata</i>
Victorian box	<i>Pittosporum undulatum</i>
Willow	<i>Salix sp.</i>
Windmill palm	<i>Trachycarpus fortunei</i>
Yew pine	<i>Podocarpus macrophyllus</i>



Attachment 5

Abbreviations



DRAFT Tree Inventory and Canopy Assessment
Peninsula Corridor Electrification Project
February 2014




Attachment 5 - Abbreviations

- ATA_T Adjusted Trunk Area – for trees greater than 30" DBH, a non-circular formula is used to calculate the trunk area ($ATA = -.335d^2 + 69.3d - 1087$). This adjusted trunk area is more accurate than the formula of a circle for larger trees.
- ESZ Electrical Safety Zone – any area outside of the pole placement where no vegetation is allowed to minimize contact with electrical wires.
- DBH trunk diameter at breast height (4.5' above grade)
- EIR Environmental Impact Report – a report evaluating the impacts of a project based on the California Environmental Quality Act (CEQA).
- JPB Joint Powers Board – the regulating body of Caltrain
- LTA limited tree assessment; tree estimates based on canopy analysis of ArcGIS maps, modeling, and hi-rail survey to estimate numbers of trees to be removed and species composition.
- LU Landscape Unit – a value for appraising trees to determine replacement requirements in the City of San Mateo
- MP Milepost – Caltrain tracks are measured and marked in mile units from north to south.
- ROW Caltrain's right-of-way
- TA Tree Assessment; tree estimates based on counting in the field, but no data on size, exact location or condition were collected.
- TA_T Trunk Area of tree, the surface area of a cross section of a tree trunk. For trees less than 31" DBH the formula of a circle is used ($TA_T = .785d^2$)
- TI Tree Inventory; tree by tree assessment of condition, size, species and location of 2,172 trees throughout 7 jurisdictions.



Attachment 6

References



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Peninsula Corridor Electrification Project
February 2014



Attachment 6 - References

American National Standards Institute (ANSI). 2001. *ANSI A300 Pruning Standard*. American National Standards Institute

ESRI. 2013. Aerial Imagery Base Map. Redlands, CA

Gilman, E.F., and S. Lilly. 2008. *Best Management Practices Tree Pruning*, 2nd Edition. International Society of Arboriculture. Champaign IL.

HortScience, Inc. 2003. Tree Survey and Assessment Caltrain Electrification Project. Pleasanton, CA

International Society of Arboriculture, 9th edition. 2000. *Guide for Plant Appraisal*. Champaign IL, 2000).

Matheny, N.P. and J. R. Clark. 1998. *Trees and Development: A Guide to Preserving Trees during Land Development*. International Society of Arboriculture. Champaign IL.

Peninsula Corridor Joint Powers Board. 2014. www.caltrain.com/stations/systemmap.html

US Department of Agriculture. 2009. National Agriculture Imagery Program (NAIP) Aerial Imagery. <http://www.atlas.ca.gov/download.html>

US Geological Survey. Government Units. Accessed 2013 from ArcGIS server.

