Appendix K Trees

Appendix K.1 Updated Tree Report



Memorandum

To: Michael J. Kuehn, Ph.D., AECOM From: Cy Carlberg, Principal, Carlberg Associates Date: May 11, 2023

Re: Tree Inventory Report Update

Carlberg Associates prepared an inventory of trees located at the proposed locations of the Los Angeles Aerial Rapid Transit project's (the "proposed Project") stations, junction, and towers, inclusive of the component's construction zone and where trees along the alignment may interfere with the proposed ropeway and cabins (the "Tree Inventory Report"). This Tree Inventory Report was included as Appendix B to Appendix E, Biological Resources Assessment, of the Draft EIR.

In response to comments on the Draft EIR, the Tree Inventory Report prepared for the proposed Project has been updated to clarify the criteria for inclusion in the report's inventory. The update clarifies that City of Los Angeles right-of-way trees are inventoried regardless of trunk size. The updated report also clarifies trees within the Los Angeles State Historic Park, including those under the alignment that could potentially interfere with required cabin and ropeway clearances (i.e., those that would or could encroach within 5 feet of the bottom of the cabin and within 50 feet from the centerline of the proposed Project's ropeway). The report was also updated to add a note clarifying the City of Los Angeles' Tree Preservation Ordinance requirements for measuring the diameter of multi-stemmed trees, and the report was updated to use this counting methodology, resulting in an additional 25 "significant" trees inventoried. In addition, certain counting errors were remedied, although the overall number of inventoried trees and the number of protected trees required for removal remain the same as the original Tree Inventory Report.

An Updated Tree Report follows this memorandum.

Santa Monica Office 828 Fifth Street, Suite 3 Santa Monica, California 90403 Office: 310.451.4804

Sierra Madre Office 80 West Sierra Madre Boulevard, #241 Sierra Madre, California 91024 Office: 626.428.5072

www.cycarlberg.com



ARBORISTS

TREE INVENTORY REPORT LA ART PROJECT - LOS ANGELES, CA

SUBMITTEDFOR:

LOS ANGELES AERIAL RAPID TRANSIT DRAFT ENVIRONMENTAL IMPACT REPORT

PREPARED BY:

CYCARLBERG ASCA REGISTERED CONSULTING ARBORIST #405ISA **CERTIFIED ARBORIST #WE 0575A** ISA QUALIFIED TREE RISK ASSESSOR CAUFC CERTIFIED URBAN FORESTER #013

> Santa Monica Office 828 Fifth Street, Suite 3 Santa Monica, California 90403 Office: 310.451.4804

Sierra Madre Office 80 West Sierra Madre Boulevard, #241 Sierra Madre, California 91024 Office: 626.428.5072

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MAY11,2023

CITY OF LOS ANGELES AND LOS ANGELES STATE HISTORIC PARK – TREE INVENTORY REPORT

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EXECUTIVE SUMMARY

The proposed Los Angeles Aerial Rapid Transit Project (proposed Project) would connect Los Angeles Union Station (LAUS) to the Dodger Stadium property via an aerial gondola system. The proposed Project would include an intermediate station at the southernmost entrance of the Los Angeles State Historic Park. The proposed Project would provide an aerial rapid transit (ART) option for visitors to Dodger Stadium, while also providing access between the Dodger Stadium property, the surrounding communities, including Chinatown, Mission Junction, the Los Angeles State Historic Park, Elysian Park, and Solano Canyon, to the regional transit system accessible at LAUS. The aerial gondola system would be approximately 1.2 miles and consist of cables, three passenger stations, a non-passenger junction, towers, and gondola cabins. When complete, the proposed Project would have a maximum capacity of approximately 5,000 people per hour per direction, and the travel time from LAUS to Dodger Stadium would be approximately 7 minutes. The proposed Project would provide amenities at the Los Angeles State Historic Park and would provide pedestrian improvements, including hardscape and landscape improvements. The ART system has the ability to overcome grade and elevation issues between LAUS and Dodger Stadium and provide safe, zero emission, environmentally friendly, and high-capacity transit connectivity in the Project area that would reduce greenhouse gas (GHG) emissions as a result of reduced vehicular congestion in and around Dodger Stadium and on neighborhood streets, arterial roadways, and freeways. The proposed Project would operate daily to serve existing residents, workers, park users, and visitors to Los Angeles.

The proposed Project "alignment" includes the suspended above-grade cables and cabins following the position of the proposed Project components along the proposed Project route from Alameda Station to Dodger Stadium Station.

The proposed Project alignment would extend approximately 1.2 miles beginning near El Pueblo and LAUS on Alameda Street. The proposed Alameda Station would be constructed over Alameda Street between Los Angeles Street and Cesar E. Chavez Avenue, adjacent to the Placita de Dolores and planned LAUS Forecourt.

From the Alameda Station, the proposed Project alignment would remain primarily above the public rightof-way (ROW) with portions above private property and travel north along Alameda Street to the proposed Alameda Tower, which would be constructed on the Alameda Triangle, a portion of City ROW between Alameda Street, North Main Street, and Alhambra Street.

From the Alameda Tower, the proposed Project alignment would continue north along Alameda Street and cross Alpine Street. The proposed Alpine Tower would be constructed at the corner of Alameda Street and Alpine Street on a City-owned parcel currently being used as non-public parking storage for City vehicles. From the Alpine Tower, the proposed Project alignment would follow the public ROW and continue over the elevated Metro L Line (Gold). North of College Street, Alameda Street becomes Spring Street, and the proposed Project alignment would generally follow Spring Street in a northeast trajectory until it reaches the southernmost point of Los Angeles State Historic Park, where the proposed Chinatown/State Park Station would be constructed partially on City ROW and partially within the boundaries of the Los Angeles State Historic Park. The alignment then crosses over the western edge of the Los Angeles State Historic Park and the Metro L Line (Gold) tracks.

The proposed Project alignment would continue traveling north towards the intersection of North Broadway and Bishops Road. The Broadway Junction would be located on the northern corner of the intersection of North Broadway and Bishops Road (1201 North Broadway). From the Broadway Junction, the proposed Project alignment would travel northwest primarily along Bishops Road, with portions above private property, crossing over SR-110 towards Dodger Stadium. The proposed Stadium Tower would be located on hillside private property north of Stadium Way between the Downtown Gate entrance road to Dodger Stadium and SR-110. The northern terminus of the system would be located in a parking lot at the Dodger Stadium property, where the proposed Dodger Stadium Station would be constructed.

BACKGROUND AND ASSIGNMENT

Carlberg Associates was retained to inventory those trees that are located at the proposed locations of the proposed Project's stations, junction, and towers, inclusive of the component's construction zone. We also inventoried those trees along the proposed Project alignment where the ropeway and cabins may interfere with existing trees; this interference is relevant both at the beginning of proposed Project operations and in the future as the trees may continue to grow. Each inventoried tree's current height was determined and a "Preserve" or "Remove" decision was recommended based on the species and its potential height at maturity.

This report addresses our office's site visits to the proposed Project alignment on April 27, May 27, and June 4, 2021, and March 9, 2022. Carlberg was retained to inventory trees along and under the proposed Project alignment. The Project team advised Carlberg to inventory: (1) trees under the proposed Project alignment that would or could encroach within 5 feet of the bottom of the cabin and within 50 feet from the centerline of the proposed Project's ropeway, and (2) all trees at each of the proposed locations of the proposed Project's stations, junction, towers, and their surrounding environs, including: Union Station and El Pueblo (Alameda Station), Alameda Triangle Park (Alameda Tower), the Los Angeles State Historic Park ("Park") (Chinatown / State Park Station), 1201 N. Broadway (Broadway Junction), the hillside private property north of Stadium Way between the Downtown Gate entrance road to Dodger Stadium and SR-110 (Stadium Tower), the proposed fire buffer surrounding the construction zone for Stadium Tower, and Dodger Stadium (Dodger Stadium Station).

Trees within Los Angeles City jurisdictional limits fall within the guidelines of the City of Los Angeles Tree Preservation Ordinance No. 186,873 (Chapter IV, Article 6 of the Los Angeles Municipal Code), as implemented by the City of Los Angeles Planning Department. Protected trees and shrubs as set forth in the Ordinance are coast live oak, western sycamore, Southern California black walnut, California bay laurel, Mexican elderberry and toyon with trunk diameters (measured at 4.5 feet above grade) of 4 inches or greater. If a protected tree species was part of a planting program (e.g., not naturally occurring), it is not considered a "protected" tree as defined in the Ordinance. The City's Planning Department requires that all other trees with trunk diameters greater than 8 inches ("significant") are included in the inventory; City of Los Angeles rights-of-way trees are inventoried regardless of trunk size. Qualifying trees within the Los Angeles State Historic Park (those under the alignment that would or could encroach within 5 feet of the bottom of the cabin and within 50 feet from the centerline of the proposed Project's ropeway; see paragraph 2 above) were inventoried regardless of trunk size.

Note: The Ordinance (Sec. 2, p. 1) states that for multi-stemmed trees, trunk diameters should be added together ("cumulative diameter") to arrive at a single trunk diameter number for the purposes of determining whether a tree is "significant." Because trunk diameter is used to articulate cross-sectional area of wood tissue, computing the sum of the diameters and calculating cross-sectional area from that sum results in exaggerated numbers. The more accurate method would be to compute cross-sectional areas first and then the sum of the areas; that cross-sectional area sum is then converted back to a single trunk diameter number in order to accomplish necessary formulas. However, for the purposes of this report, we utilized the Ordinance to determine the trunk diameters of multi-stemmed trees.

OBSERVATIONS AND DISCUSSION

We inventoried 260 trees comprised of four categories:

- City of Los Angeles Private Property Tree "PP" (137 trees)
- City of Los Angeles Right-of-Way/Street Trees "ST" (34 trees)
- Los Angeles State Historic Park "State" (81 trees, including 6 within the ROW)
- Caltrans "Caltrans" (8 trees)

The tables on the following pages set forth the data for the 260 inventoried trees.

By virtue of their trunk diameter size of eight inches and greater, 107 (106 to be removed and one to be preserved – OS 158, avocado) inventoried trees are considered significant as defined by the City's Planning Department, all are private property trees. Los Angeles State Historic Park trees are not included in this count; no trees within the Park were categorized as significant since they are within State jurisdictions). There is one private property tree near the location of the proposed Broadway Junction (no. 149, a Mexican elderberry) that is considered a protected tree as set forth in the City's Ordinance.

The 34 rights-of-way trees were inventoried regardless of their species or trunk diameter size. Public, or ROW trees are not included in the Ordinance, but cannot be pruned or removed without a permit from the Bureau of Street Services.

In total, 250 trees are proposed for removal: 1 City Ordinance-protected tree, 106 significant trees (by virtue of their trunk diameter size of 8 inches as defined by the City's Planning Division – this count does not include State Park trees), 34 trees within the City of Los Angeles right-of-way (street trees) and 109 non-protected/non-significant trees. A total of 10 trees will be preserved, one of which is a significant tree (by virtue of their trunk diameter size as defined by the City's Planning Division). No inventoried trees within the City of Los Angeles right-of-way (street trees) will be preserved. The stated mitigation ratio for the removal/replacement of a protected tree is 4:1, using a 15-gallon specimen. The City can and often does change this ratio. Mitigation for the removal of non-protected but "significant" trees require a replacement ratio of 1:1, using a 15-gallon specimen. The City can and often does change this ratio.

Rights-of-way (street) trees will be replaced as specified by the City; in our experience the mitigation ratio has typically been 2:1, with a specimen size determined by the City.

Aside from the one elderberry tree/shrub, there are no City of Los Angeles tree species or sizes that are considered protected by the City of Los Angeles' Tree Preservation Ordinance No. 186,873.

Respectfully submitted,

SV

Cy Carlberg, Registered Consulting Arborist Principal, Carlberg Associates <u>cy@cycarlberg.com</u>



Common Name	Botanical Name	Quantity	Remove	Preserve	Protected, Significant or ROW Trees
Australian willow	Geijera parviflora	4	4	0	4 ROW (#ST159-ST162)
avocado	Persea americana	1	0	1	1 significant (#OS158)
blackwood acacia	Acacia melanoxylon	5	5	0	5 significant (#88, 92, 93, 183, 203)
Brisbane box	Lophostemon confertus	10	10	0	None
California pepper	Schinus molle	20	20	0	20 significant (#95, 100-101, 103-118, 120)
Carolina cherry	Prunus caroliniana	1	1	0	1 significant (#141)
carrotwood	Cupaniopsis anacardioides	1	1	0	1 ROW (#ST169)
Chilean pepper	Schinus polygamus	80	77	3	53 significant (#90, 96-97, 99, 121-130, 140, 147, 150, 156, 190, 192-4, 196, 199-200, 202, 205-6, 210-15, 217-220, 222, 228, 230-1, 233, 239-45, 249, 255, 256)
Chinese elm	Ulmus parvifolia	1	1	0	1 significant (#253)
coast live oak	Quercus agrifolia	2	2	0	None
cork oak	Quercus suber	3	3	0	None
flooded gum	Eucalyptus rudis	1	1	0	1 significant (#251)
forest pansy redbud	Cercis canadensis	19	14	5	None
Fremont cottonwood	Populus fremontii	10	10	0	None
jacaranda	Jacaranda mimosifolia	2	2	0	2 ROW (#ST163-ST164)
golden wattle	Acacia pycnantha	11	11	0	6 significant (#187-89, 216, 250, 254)
Marina strawberry tree	Arbutus 'Marina'	4	4	0	1 significant (#157)
Mexican elderberry	Sambucus mexicana	1	1	0	1 protected (#149)
Mexican fan palm	Washingtonia robusta	6	6	0	6 ROW (#ST176, ST178, ST180, ST182, ST257, ST259)
pink trumpet tree	Handroanthus impetiginosus	9	9	0	9 ROW (#ST172-ST175, ST177, ST179, ST181, ST258, ST260)
Spanish dagger	Yucca gloriosa	12	12	0	12 significant (#139, 142-146, 148, 151- 155)
sugar gum	Eucalyptus cladocalyx	11	11	0	6 significant (#89, 91, 94, 98, 102, 119)
tipu tree	Tipuana tipu	1	1	0	None
toyon	Heteromeles arbutifolia	19	18	1	None

TABLE 1 – SUMMARY OF TREE AND PALM SPECIES AND QUANTITIES

Common Name	Botanical Name	Quantity	Remove	Preserve	Protected, Significant or ROW Trees
western redbud	Cercis occidentalis	2	2	0	2 ROW (#ST13, ST16)
western sycamore	Platanus racemosa	24	24	0	10 ROW (#ST9-ST12, ST165-ST168, ST170-ST171)
	TOTALS	260	250	10	1 Protected, 107 Significant, 34 ROW

Total to be Removed – 250 (1 Protected, 106 Significant, 34 ROW) Total to be Preserved – 10 (0 protected, 1 significant, 0 ROW)

TABLE 2 – ALAMEDA STATION TREE SUMMARY

Common Name	Botanical Name	Quantity	Height at Maturity (feet)	"Protected", "ROW" or"Significant"		
pink trumpet tree	Handroanthus impetiginosus	6	30	6 ROW (#ST175, ST177, ST179, ST181, ST258, ST260)		
Mexican fan palm	Washingtonia robusta	6	100	6 ROW (#ST176, ST178, ST180, ST182, ST257, ST259)		
	TOTALS	12				
Total to be Removed – 12 (#ST175 – ST182, ST257-ST260) Total to be Preserved – 0						

NOTE: No additional trees between Alameda Station and Alameda Tower will be required to be removed for the proposed Project.

TABLE 3 – ALAMEDA TOWER TREE SUMMARY

Common Name	Botanical Name	Quantity	Height at Maturity (feet)	"Protected", "ROW" or"Significant"
western sycamore	Platanus racemosa	6	80	6 ROW (#ST165-ST168, ST170- ST171)
carrotwood	Cupaniopsis anacardioides	1	40	1 ROW (#ST169)
pink trumpet tree	Handroanthus impetiginosus	3	30	3 ROW (#ST172-ST174)
	TOTALS	10		

Total to be Removed – 10 (#ST165 –ST174) Total to be Preserved – 0

NOTES: No additional trees between Alameda Tower and Chinatown/State Park Station will be required to be removed for the proposed Project. One dead ROW tree and one empty tree well are present on Alameda Street at Alameda Tower location.

Common Name	Botanical Name	Quantity	Height at Maturity (feet)	"Protected", "ROW" or"Significant"	
Brisbane box	Lophostemon confertus	5	50	N/A (State Tree)	
western sycamore	Platanus racemosa	9	80	4 ROW (#ST9-ST12)	
western redbud	Cercis occidentalis	2	20	2 ROW (#ST13, ST16)	
forest pansy redbud	Cercis canadensis	6	25	N/A (State Tree)	
toyon	Heteromeles arbutifolia	2	25	N/A (State Tree)	
Fremont cottonwood	Populus fremontii	6	80	N/A (State Tree)	
	TOTALS	30			
Total to be Removed – 30 (#1-22, 35-42) Total to be Preserved – 0					

TABLE 4 - CHINATOWN / STATE PARK STATION TREE SUMMARY

NOTE: No additional trees located within the Chinatown/State Park Station limits will require removal for the proposed Project.

TABLE 5 - LOS ANGELES STATE HISTORIC PARK (ALIGNMENT OVER PARK) TREE SUMMARY

Common Name	Botanical Name	Quantity	Height at Maturity (feet)	"Protected", "ROW" or"Significant"
Brisbane box	Lophostemon confertus	5	50	N/A (State Tree)
western sycamore	Platanus racemosa	9	80	N/A (State Tree)
forest pansy redbud	Cercis canadensis	13	25	N/A (State Tree)
toyon	Heteromeles arbutifolia	17	25	N/A (State Tree)
Fremont cottonwood	Populus fremontii	4	80	N/A (State Tree)
Marina strawberry tree	Arbutus 'Marina'	3	50	N/A (State Tree)
Tipu tree	Tipuana tipu	1	50	N/A (State Tree)
coast live oak	Quercus agrifolia	2	70	N/A (State Tree)
cork oak	Quercus suber	3	70	N/A (State Tree)
	TOTALS	57		

Total to be Removed – 51 (#23-26, 28-34, 43-44, 47, 49-50, 53-87) Total to be Preserved – 6 (#27, 45-46, 48, 51-52)

NOTE: No other trees located within the Los Angeles State Historic Park limits will require removal for the proposed Project.

Common Name	Botanical Name	Quantity	Height at Maturity (feet)	"Protected", "ROW" or "Significant"		
Spanish dagger	Yucca gloriosa	12	25	12 significant (#139, 142-146, 148, 151-155)		
Chilean pepper	Schinus polygamus	4	20	4 significant (#140, 147, 150, 156)		
Carolina cherry	Prunus caroliniana	1	30	1 significant (#141)		
Mexican elderberry	Sambucus mexicana	1	30	1 protected (#149)		
Marina strawberry tree	Arbutus 'Marina'	1	50	1 significant (#157)		
avocado	Persea americana	1	40	1 significant (#OS158)		
Australian Willow	Geijera parviflora	4	35	4 ROW (#ST159-ST162)		
jacaranda	Jacaranda mimosifolia	2	50	2 ROW (#ST163-ST164)		
	TOTALS	26				
Total to be Removed – 25 (#139-157, ST159-ST164) Total to be Preserved – 1 (#OS158)						

TABLE 6 - BROADWAY JUNCTION TREE SUMMARY

NOTE: No additional trees located between the Los Angles State Historic Park limits and the Broadway Junction will require removal for the proposed Project.

TABLE 7 - PORTION OF ALIGNMENT OVER SR - 110 (CALTRANS) TREE SUMMARY

ehu E						
alyx 5	90	N/A (Caltrans)				
nus 3	20	N/A (Caltrans)				
8						
Total to be Removed – 5 (#131-132, 136-138) Total to be Preserved – 3 (#133-135)						
	nus 3 8 be Removed – 5 (#13 al to be Preserved – 3	al to be Preserved – 5 (#131-132, 136-138) al to be Preserved – 3 (#133-135)				

NOTE: No additional trees located between the Broadway Junction and the alignment over SR-110 will require removal for the proposed Project.

TABLE 8 - STADIUM TOWER TREE SUMMARY

Common Name	Botanical Name	Quantity	Height at Maturity (feet)	"Protected", "ROW" or "Significant"		
Chilean pepper	Schinus polygamus	10	20	10 significant (#121-130)		
	TOTALS	10				
Total to be Removed – 10 (#121-130) Total to be Preserved – 0						

NOTE: No additional trees located between the alignment over SR-110 to the Stadium Tower will require removal for the proposed Project.

TABLE 9 – 70-FOOT FIRE BUFFER FOR STADIUM TOWER TREE SUMMARY

Common Name	Botanical Name	Quantity	Height at Maturity (feet)	"Protected", "ROW" or "Significant"		
blackwood acacia	Acacia melanoxylon	2	40	2 significant (#183, 203)		
Chilean pepper	Schinus polygamus	59	20	35 significant (#190, 192-4, 196, 199-200, 202, 205-6, 210- 15, 217-220, 222, 228, 230-1, 233, 239-45, 249, 255, 256)		
Chinese elm	Ulmus parvifolia	1	50	1 significant (#253)		
flooded gum	Eucalyptus rudis	1	90	1 significant (#251)		
golden wattle	Acacia pycnantha	11	25	6 significant (#187-9, 216, 250, 254)		
	TOTALS	74				
Total to be Removed – 74 (#183-256) Total to be Preserved – 0						

Common Name	Botanical Name	Quantity	Height at Maturity (feet)	"Protected", "ROW" or "Significant"	
blackwood acacia	Acacia melanoxylon	3	40	3 significant (#88, 92-93)	
California pepper	Schinus molle	20	50	20 significant (#95, 100-101, 103-118, 120)	
sugar gum	Eucalyptus cladocalyx	6	90	6 significant (#89, 91, 94, 98, 102, 119)	
Chilean pepper	Schinus polygamus	4	20	4 significant (#90, 96-97, 99)	
	TOTALS	33			
Total to be Removed – 33 (#88-120) Total to be Preserved – 0					

TABLE 10 - DODGER STADIUM STATION TREE SUMMARY

NOTE: No additional trees located between the Stadium Tower and the Dodger Stadium Station will require removal for the proposed Project.



Tree #	Common Name	Botanical Name	Diameter at 4.5 feet (DBH)* in inches	Height (feet)	Height at Maturity (feet)	Height That Tree Cannot Exceed for 5' Clearance	Canopy Spread (N/E/S/W) in feet	Health	Structure	"Protected", "ROW" or "Significant"	Disposition	Jurisdiction	Comments
1	Brisbane box	Lophostemon confertus	2.6	14	50	40	5/5/5/5	B-	В	No	Remove	State	staked, slightly loose in soil
2	Brisbane box	Lophostemon confertus	5.2	17	50	40	6/6/8/7	A	A	No	Remove	State	staked
3	Brisbane box	Lophostemon confertus	3.5	16	50	40	6/8/6/0	B+	B+	No	Remove	State	staked, leans northeast
4	Brisbane box	Lophostemon confertus	3.8	13	50	40	3/2/8/6	В	B+	No	Remove	State	staked, leans southwest
5	Brisbane box	Lophostemon confertus	4	16	50	40	5/7/4/3	A	A-	No	Remove	State	staked
6	western sycamore	Platanus racemosa	6.2	20	80	40	9/9/10/9	А	A	No	Remove	State	
7	western sycamore	Platanus racemosa	5.4	20	80	40	6/7/8/8	C	С	No	Remove	State	mechanical damage, decay at base, canker at base, still leafing out, sparse canopy
8	western sycamore	Platanus racemosa	7.5	25	80	40	8/10/12/11	A	A	No	Remove	State	
ST9	western sycamore	Platanus racemosa	7	22	80	40	10/9/10/11	А	A	ROW	Remove	ROW	staked
ST10	western sycamore	Platanus racemosa	5.8	18	80	40	11/11/10/10	А	В	ROW	Remove	ROW	staked, stakes causing damage, leans north



Tree #	Common Name	Botanical Name	Diameterat 4.5 feet (DBH)* in inches	Height (feet)	Height at Maturity (feet)	Height That Tree Cannot Exceed for 5' Clearance	Canopy Spread (N/E/S/W) in feet	Health	Structure	"Protected", "ROW" or "Significant"	Disposition	Jurisdiction	Comments
ST11	western sycamore	Platanus racemosa	6.1	20	80	40	7/9/8/9	A-	A	ROW	Remove	ROW	
ST12	western sycamore	Platanus racemosa	6.6	23	80	40	11/10/8/7	A-	A	ROW	Remove	ROW	staked
ST13	western redbud	Cercis occidentalis	1, 1, 1, 1, 1, 1.5, 1.5 (8" cumulative)	7	20	40	4/1/2/4	B+	B+	ROW	Remove	ROW	measured at base
14	western sycamore	Platanus racemosa	7.5	17	80	40	7/12/9/7	A	A-	No	Remove	State	slight lean, stake still attached, curled leaves
15	western sycamore	Platanus racemosa	10.2	21	80	40	13/12/13/11	A	A-	No	Remove	State	
ST16	western redbud	Cercis occidentalis	1.5, 1.5, 1.5, 1.5, 2, 2, 2 (12" cumulative)	7	20	35	4/3/4/4	A	A	ROW	Remove	ROW	diameters measured at 1.5 ft.
17	forest pansy redbud	Cercis canadensis	3.2	12	30	40	7/7/9/8	A	A	No	Remove	State	staked
18	forest pansy redbud	Cercis canadensis	4	12	30	40	5/9/7/6	A	A	No	Remove	State	staked
19	forest pansy redbud	Cercis canadensis	2.6	10	30	40	6/6/5/6	В-	A-	No	Remove	State	staked, some bleeding, excessive galls
20	forest pansy redbud	Cercis canadensis	2.6	10	30	40	4/10/8/4	В	A-	No	Remove	State	staked, excessive galls
21	forest pansy redbud	Cercis canadensis	2.3	10	30	40	6/5/6/7	B+	A	No	Remove	State	some bleeding



Tree #	Common Name	Botanical Name	Diameterat 4.5 feet (DBH)* in inches	Height (feet)	Height at Maturity (feet)	Height That Tree Cannot Exceed for 5' Clearance	Canopy Spread (N/E/S/W)in feet	Health	Structure	"Protected", "ROW" or "Significant"	Disposition	Jurisdiction	Comments
22	forest pansy redbud	Cercis canadensis	3.4	10	30	40	7/9/8/4	A	A	No	Remove	State	
23	western sycamore	Platanus racemosa	4.7	21	80	30	8/8/10/9	С	В	No	Remove	State	staked, epicormic growth, curly leaves, sparse, moderate to extensive dieback
24	western sycamore	Platanus racemosa	2.8	15	80	30	5/5/5/5	A	A	No	Remove	State	planted as group
25	western sycamore	Platanus racemosa	3.5	18	80	30	6/6/5/5	A	A	No	Remove	State	planted as group
26	western sycamore	Platanus racemosa	2.5	14	80	30	4/5/6/4	A	А	No	Remove	State	planted as group
27	toyon	Heteromeles arbutifolia	1, 1	7	25	30	2/2/2/2	A	A	No	Preserve	State	several diameters < 1 in.
28	western sycamore	Platanus racemosa	1.8, 2.5 (4.3" cumulative)	15	80	30	3/6/7/6	A	B+	No	Remove	State	planted as group
29	western sycamore	Platanus racemosa	1.4, 1.6, 2 (5" cumulative)	13	80	30	7/5/2/4	A	B+	No	Remove	State	planted as group
30	western sycamore	Platanus racemosa	1.4	11	80	30	2/4/1/2	A	B+	No	Remove	State	planted as group
31	Fremont cottonwood	Populus fremontii	11.3	35	80	30	12/13/12/10	В	В	No	Remove	State	exposed roots, sparse on top, codoms at 10 ft.
32	Fremont cottonwood	Populus fremontii	13.4	35	80	30	14/12/12/15	В	В	No	Remove	State	exposed roots



Common Name	Botanical Name	Diameterat 4.5 feet (DBH)* in inches	Height (feet)	Height at Maturity (feet)	Height That Tree Cannot Exceed for 5' Clearance	Canopy Spread (N/E/S/W) in feet	Health	Structure	"Protected", "ROW" or "Significant"	Disposition	Jurisdiction	Comments
Fremont cottonwood	Populus fremontii	11.8	31	80	30	13/9/12/14	В	B-	No	Remove	State	exposed roots with decay, fungus present on one area of roots
Fremont cottonwood	Populus fremontii	10.9	36	80	30	11/8/10/10	В	В	No	Remove	State	exposed roots, top dieback, epicormic growth
Fremont cottonwood	Populus fremontii	10.5	32	80	30	12/10/12/13	B-	В	No	Remove	State	exposed roots, top dieback, epicormic growth
Fremont cottonwood	Populus fremontii	11.4	30	80	35	15/9/12/14	В	В	No	Remove	State	exposed roots, top dieback, epicormic growth
Fremont cottonwood	Populus fremontii	10.2	31	80	35	11/9/8/11	В	В	No	Remove	State	exposed roots, top dieback, epicormic growth
toyon	Heteromeles arbutifolia	1, 1.5, 1, 4 x .5 (5.5" cumulative)	8	25	35	3/3/4/5	A	A-	No	Remove	State	
toyon	Heteromeles arbutifolia	1, 1, 1, 1, 1.5, 1, 1.5, 1.5, 1, 1 (11.5" cumulative)	8	25	40	3/5/4/6	A	A	No	Remove	State	multiple diameters < 1 in.
Fremont cottonwood	Populus fremontii	10.7	30	80	40	13/10/12/9	В	В	No	Remove	State	exposed roots, top dieback, epicormic growth
Fremont cottonwood	Populus fremontii	9.2	23	80	40	8/8/7/9	В	В	No	Remove	State	exposed roots, top dieback, epicormic growth
Fremont cottonwood	Populus fremontii	9.7	28	80	40	10/8/9/9	В	В	No	Remove	State	exposed roots, top dieback, epicormic growth
western sycamore	Platanus racemosa	11.8	27	80	40	11/13/14/12	А	B+	No	Remove	State	cabled to the ground, tree is fenced
	Common Name Fremont cottonwood Fremont cottonwood Fremont cottonwood fremont cottonwood fremont cottonwood fremont cottonwood Fremont cottonwood	Common NameBotanical NameFremont cottonwoodPopulus fremontiiFremont cottonwoodPopulus fremontii	Common NameBotanical NameDiameterat 4.5 feet (DBH)* in inchessFremont cottonwoodPopulus fremontii11.8Fremont cottonwoodPopulus fremontii10.9Fremont cottonwoodPopulus fremontii10.9Fremont cottonwoodPopulus fremontii10.9Fremont cottonwoodPopulus fremontii10.1Fremont cottonwoodPopulus fremontii10.2Fremont cottonwoodPopulus fremontii1.1.5, 1, 4 x. 5 (5.5" cumulative)toyonHeteromeles arbutifolia 1.1.5, 1, 1, 1, 1, 1, 1, 5, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1	Common NameBotanical NameDiameterat 4.5 feet (DBH)* in inchesHeight (feet)Fremont cottonwoodPopulus fremontii11.831Fremont cottonwoodPopulus fremontii10.936Fremont cottonwoodPopulus fremontii10.532Fremont cottonwoodPopulus fremontii10.532Fremont cottonwoodPopulus fremontii10.231Fremont cottonwoodPopulus fremontii10.231Fremont cottonwoodPopulus fremontii10.231foromot cottonwoodPopulus fremontii10.231fremont cottonwoodPopulus fremontii1.1.5, 1, 1, 1.5, 1, 5, 1.5, 1.5, 1.5, 1.5, 1.5, 1	Common NameBotanical NameDiameterat 4.5 freet (DBH)* in inchesHeight (feet)Height at maturity (feet)Fremont cottonwoodPopulus fremontii11.83180Fremont cottonwoodPopulus fremontii10.93680Fremont cottonwoodPopulus fremontii10.93680Fremont cottonwoodPopulus fremontii10.53280Fremont cottonwoodPopulus fremontii11.43080Fremont cottonwoodPopulus fremontii10.23180Fremont cottonwoodPopulus fremontii10.23180toyonHeteromeles arbutifolia1, 1, 5, 1, 4 x.5 (5.5" cumulative)825toyonHeteromeles arbutifolia1, 1, 5, 1, 1, 1, 1, 1, 5, 1, 1, 1, 5, 1, 1, 1, 1, 5, 1, 1, 1, 1, 5, 1, 1, 1, 1, 1, 5, 1, 1, 1, 1, 1, 5, 1, 1, 1, 1, 1, 5, 1, 1, 1, 1, 5, 1, 1, 1, 1, 5, 1, 1, 1, 1, 1, 5, 1, 	Common NameBotanical NameDiameterat 4.5 feet (DBH)*Height (feet)Height at maturity (feet)Height feet (Cannot in inches)Fremont 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arbutifolia (1.5.1, (1.5.1, (1.5.1, (1.5.5, cumulative))80403/5/4/6toyonHeteromeles arbutifolia (1.5.5, cumulative)10.73080403/8/7/9Fremont cottonwoodPopulus fremontii10.73080408/8/7/9Fremont cottonwoodPopulus fremontii9.728804010/8/9/9Fremont cottonwoodPopulus fremontii9.728804010/8/9/9	Common NameBotanical NameDiameterat 4.5 feet (DBH)* in inchesHeight (heet)Height That Tree Cannot Maturity (heet)Canopy Spread (hyte/5/W) (in feet)Betanical NameDiameterat 4.5 feet (DBH)* in inchesHeight (heet)Height That Tree Cannot free contoningCanopy Spread Spread (hyte/5/W) in feet)Betanical NameDiameterat 4.5 feet (DBH)* in inchesHeight (heet)Height That Tree Cannot (heet)Canopy Spread Spread (hyte/5/W) in feet)Betanical NameDiameterat 4.5 feet (DBH)* in inchesHeight (heet)Height That Tree free (hyte/5/W) in feet)Betanical NameDiameterat 4.5 Spread Spread (hyte/5/W)Spread Spread Spread (hyte/5/W)Spread Spread Spread Spread SpreadBetanical NameDiameterat 4.5 Spread Sprea	Common NameBotanical 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15, 15, 15, 15, 15, 15, 15, 15,	Common NameBotanical NameDiameterat 4.5 freed (DBH)* in inchesHeight (kee) Height (kee)Height (kee keedee keedee keedee keede keedee k



Tree #	Common Name	Botanical Name	Diameterat 4.5 feet (DBH)* in inches	Height (feet)	Height at Maturity (feet)	Height That Tree Cannot Exceed for 5' Clearance	Canopy Spread (N/E/S/W) in feet	Health	Structure	"Protected", "ROW" or "Significant"	Disposition	Jurisdiction	Comments
44	Marina strawberry tree	Arbutus 'Marina'	2.5, 2.8, 1.7 (7" cumulative)	10	50	40	5/5/6/5	A	A-	No	Remove	State	diameters measured at 2.5 ft., string trimmer damage at base
45	forest pansy redbud	Cercis canadensis	2	10	30	40	4/4/4/4	В	C+	No	Preserve	State	string trimmer damage, staked
46	forest pansy redbud	Cercis canadensis	2.6	10	30	40	5/5/5/5	B+	B+	No	Preserve	State	string trimmer damage
47	Marina strawberry tree	Arbutus 'Marina'	2, 2, 2, 1.7, 2.6 (10.3″ cumulative)	10	50	40	3/5/5/4	A	A	No	Remove	State	
48	forest pansy redbud	Cercis canadensis	1.8	10	30	40	4/3/3/5	В	В	No	Preserve	State	string trimmer damage, staked
49	Marina strawberry tree	Arbutus 'Marina'	1.5, 2.6, 2, 2, 1.5 (9.6" cumulative)	8	50	40	4/3/5/5	A	A	No	Remove	State	
50	western sycamore	Platanus racemosa	16.2	38	80	40	14/15/12/15	A	A-	No	Remove	State	trunk buried by bark, tree is fenced, cabled to the ground
51	forest pansy redbud	Cercis canadensis	2.2	10	30	40	6/5/4/4	В	B-	No	Preserve	State	string trimmer damage at base
52	forest pansy redbud	Cercis canadensis	2.5	12	30	40	6/6/5/5	В	B+	No	Preserve	State	string trimmer damage, loose in soil
53	tipu tree	Tipuana tipu	8.6	19	50	20	15/15/14/12	C+	С	No	Remove	State	possible ISHB; see photos. cavity and split at codoms
54	coast live oak	Quercus agrifolia	13.5	16	70	20	11/10/10/9	А	В	No	Remove	State	fencing around tree, cabled to ground



Tree #	Common Name	Botanical Name	Diameter at 4.5 feet (DBH)* in inches	Height (feet)	Height at Maturity (feet)	Height That Tree Cannot Exceed for 5' Clearance	Canopy Spread (N/E/S/W) in feet	Health	Structure	"Protected", "ROW" or "Significant"	Disposition	Jurisdiction	Comments
55	coast live oak	Quercus agrifolia	3.8	12	70	25	6/5/5/5	В-	B-	No	Remove	State	
56	cork oak	Quercus suber	11.5	18	70	20	7/8/5/8	B+	B+	No	Remove	State	
57	cork oak	Quercus suber	9.3	15	70	15	8/6/4/9	B+	B+	No	Remove	State	
58	forest pansy redbud	Cercis canadensis	2.4	8	30	15	6/3/5/5	В	C+	No	Remove	State	string trimmer damage, HOB, rubber tie embedded in branch
59	forest pansy redbud	Cercis canadensis	2.7	10	30	15	8/4/4/6	В	C+	No	Remove	State	mechanical damage, string trimmer damage
60	cork oak	Quercus suber	9.5	18	70	15	6/10/9/5	B-	B-	No	Remove	State	lower interior dieback
61	forest pansy redbud	Cercis canadensis	1.9	8	30	15	4/2/4/2	B-	С	No	Remove	State	string trimmer damage
62	forest pansy redbud	Cercis canadensis	2	8	30	15	6/3/5/4	C+	C+	No	Remove	State	mechanical damage, string trimmer damage
63	forest pansy redbud	Cercis canadensis	3	10	30	15	7/6/4/6	В	В	No	Remove	State	string trimmer damage
64	forest pansy redbud	Cercis canadensis	2.8	10	30	15	5/6/5/6	B-	С	No	Remove	State	string trimmer damage
65	forest pansy redbud	Cercis canadensis	2.7	8	30	15	4/4/3/5	В	B-	No	Remove	State	string trimmer damage



Tree #	Common Name	Botanical Name	Diameterat 4.5 feet (DBH)* in inches	Height (feet)	Height at Maturity (feet)	Height That Tree Cannot Exceed for 5' Clearance	Canopy Spread (N/E/S/W) in feet	Health	Structure	"Protected", "ROW" or "Significant"	Disposition	Jurisdiction	Comments
66	toyon	Heteromeles arbutifolia	1, 1, 2.5, 2, 1.5, 1, 1, 2, 1.5, 1, 1 15.5" cumulative)	12	25	15	3/3/3/3	A	А	No	Remove	State	diameters measured low, multiple diameters < 1 in.
67	toyon	Heteromeles arbutifolia	1, 1, 2.5, 1.5, 1.5 (7.5" cumulative)	10	25	15	3/3/3/3	A	A	No	Remove	State	diameters measured low, multiple diameters < 1 in.
68	toyon	Heteromeles arbutifolia	1, 1 (2" cumulative)	5	25	15	2/2/2/2	A	A	No	Remove	State	diameters measured low, multiple diameters < 1 in.
69	toyon	Heteromeles arbutifolia	1	6	25	15	2/2/2/2	A	A	No	Remove	State	diameters measured low, multiple diameters < 1 in.
70	toyon	Heteromeles arbutifolia	0.5	3	25	15	1/1/1/1	В	В	No	Remove	State	diameters measured low, multiple diameters < 1 in.
71	toyon	Heteromeles arbutifolia	1, 1, 1.5, 2, 1, 1 (7.5" cumulative)	9	25	15	3/4/4/3	A	A	No	Remove	State	diameters measured low, multiple diameters < 1 in.
72	toyon	Heteromeles arbutifolia	1, 1.5 (2.5" cumulative)	8	25	15	3/3/3/3	A	A	No	Remove	State	diameters measured low, multiple diameters < 1 in.
73	toyon	Heteromeles arbutifolia	1	7	25	15	2/2/3/1	A	A	No	Remove	State	diameters measured low, multiple diameters < 1 in.
74	toyon	Heteromeles arbutifolia	1, 1 (2" cumulative)	6	25	15	3/3/1/1	A	A	No	Remove	State	diameters measured low, multiple diameters < 1 in.
75	toyon	Heteromeles arbutifolia	1	7	25	20	2/2/2/1	A	A	No	Remove	State	diameters measured low, multiple diameters < 1 in.
76	Brisbane box	Lophostemon confertus	2.1	12	50	20	3/3/1/2	В	В	No	Remove	State	staked, slight lean



Tree #	Common Name	Botanical Name	Diameterat 4.5 feet (DBH)* in inches	Height (feet)	Height at Maturity (feet)	Height That Tree Cannot Exceed for 5' Clearance	Canopy Spread (N/E/S/W) in feet	Health	Structure	"Protected", "ROW" or "Significant"	Disposition	Jurisdiction	Comments
77	Brisbane box	Lophostemon confertus	3.9	14	50	20	4/4/4/3	B+	B+	No	Remove	State	
78	Brisbane box	Lophostemon confertus	2.8, 3.3, 2.9 (9" cumulative)	15	50	20	3/5/7/3	A	A-	No	Remove	State	staked
79	Brisbane box	Lophostemon confertus	5.1	16	50	20	6/4/7/5	A	A-	No	Remove	State	staked
80	Brisbane box	Lophostemon confertus	1.8	11	50	20	2/2/2/3	В	В	No	Remove	State	loose stake still attached
81	forest pansy redbud	Cercis canadensis	2.1	10	30	15	6/6/2/4	В	С	No	Remove	State	mechanical damage, string trimmer damage, leans north
82	toyon	Heteromeles arbutifolia	1	8	25	15	1/1/1/1	A	A	No	Remove	State	multiple diameters < 1 in.
83	toyon	Heteromeles arbutifolia	1, 1, 1, 1 (4" cumulative)	7	25	15	2/2/2/3	A	А	No	Remove	State	multiple diameters < 1 in.
84	toyon	Heteromeles arbutifolia	1, 1, 1, 1 (4" cumulative)	4	25	15	2/2/2/2	A	А	No	Remove	State	multiple diameters < 1 in.
85	toyon	Heteromeles arbutifolia	1, 1.5, 1.5, 1, 1 (6" cumulative)	8	25	15	4/1/4/1	A	A	No	Remove	State	multiple diameters < 1 in.
86	toyon	Heteromeles arbutifolia	1, 1, 1, 1 (4" cumulative)	7	25	15	3/1/3/1	A	A	No	Remove	State	multiple diameters < 1 in.
87	toyon	Heteromeles arbutifolia	1, 1, 1, 1 (4" cumulative)	6	25	20	4/1/3/1	A	A	No	Remove	State	multiple diameters < 1 in.



Tree #	Common Name	Botanical Name	Diameterat 4.5 feet (DBH)* in inches	Height (feet)	Height at Maturity	Height That Tree Cannot Exceed	Canopy Spread (N/E/S/W)	Health	ructure	"Protected", "ROW" or	sposition	isdiction	Comments
					(feet)	for 5' Clearance	in feet		S	Significant	Di	'n	
88	blackwood acacia	Acacia melanoxylon	4.8, 5.2 (10" cumulative)	15	40	20	Only trunk diamet were requested	er and tre for trees 8	e height 8-120.	Significant	Remove	PP	
89	sugar gum	Eucalyptus cladocalyx	17.4	34	150	20				Significant	Remove	РР	
90	Chilean pepper	Schinus polygamus	5.2, 4.9, 4.5, 4.7, 4.3, 2.5, 2.5, 1.5 (30.1" cumulative)	15	20	20				Significant	Remove	РР	
91	sugar gum	Eucalyptus cladocalyx	16.1, 3.5 (19.6" cumulative)	30	90	20				Significant	Remove	РР	
92	blackwood acacia	Acacia melanoxylon	4, 6 (10" cumulative)	17	40	20				Significant	Remove	РР	
93	blackwood acacia	Acacia melanoxylon	4.8, 3.5, 3.5, 4.7 (16.5″ cumulative)	17	40	20				Significant	Remove	РР	
94	sugar gum	Eucalyptus cladocalyx	8.9	35	90	20				Significant	Remove	РР	
95	California pepper	Schinus molle	6.7, 12.4, 13.9 (33" cumulative)	20	50	20				Significant	Remove	РР	
96	Chilean pepper	Schinus polygamus	7.5, 4.5, 4.6, 3.4, 4.2, 9 (33.2" cumulative)	12	20	20				Significant	Remove	РР	
97	Chilean pepper	Schinus polygamus	4.2, 2.8, 4.6, 2.5, 2.5, 3.5, 3.8 (23.9" cumulative)	12	20	20				Significant	Remove	PP	
98	sugar gum	Eucalyptus cladocalyx	5.9, 9.9 (15.8" cumulative)	22	90	20				Significant	Remove	РР	



Tree #	Common Name	Botanical Name	Diameterat 4.5 feet (DBH)* in inches	Height (feet)	Height at Maturity (feet)	Height That Tree Cannot Exceed for 5' Clearance	Canopy Spread (N/E/S/W) in feet	Health	Structure	"Protected", "ROW" or "Significant"	Disposition	Jurisdiction	Comments
99	Chilean pepper	Schinus polygamus	4.5, 4.9, 4.5, 3.3, 3.3, 4.2 (24.7" cumulative)	10	20	20				Significant	Remove	РР	
100	California pepper	Schinus molle	6.5, 9, 7.3, 16.2 (39" cumulative)	20	50	20				Significant	Remove	РР	
101	California pepper	Schinus molle	13.8	17	50	34		-		Significant	Remove	РР	adjacent to impact area to south, potential overhang
102	sugar gum	Eucalyptus cladocalyx	39	62	90	34				Significant	Remove	РР	adjacent to impact area to south, potential overhang
103	California pepper	Schinus molle	5.6, 4.8 (10.4" cumulative)	15	50	34				Significant	Remove	РР	
104	California pepper	Schinus molle	15.8	36	50	34				Significant	Remove	РР	
105	California pepper	Schinus molle	5.9, 13.4 (19.3" cumulative)	15	50	34				Significant	Remove	РР	
106	California pepper	Schinus molle	18	35	50	34				Significant	Remove	РР	
107	California pepper	Schinus molle	9.1	14	50	34				Significant	Remove	РР	
108	California pepper	Schinus molle	5, 12.6, 8.8 (26.4" cumulative)	23	50	34				Significant	Remove	РР	
109	California pepper	Schinus molle	5.2, 12.3, 6.6, 6.7 (30.8" cumulative)	30	50	34				Significant	Remove	РР	



Tree #	Common Name	Botanical Name	Diameterat 4.5 feet (DBH)* in inches	Height (feet)	Height at Maturity (feet)	Height That Tree Cannot Exceed for 5' Clearance	Canopy Spread (N/E/S/W) in feet	Health	Structure	"Protected", "ROW" or "Significant"	Disposition	Jurisdiction	Comments
110	California pepper	Schinus molle	9.5	22	50	34				Significant	Remove	РР	
111	California pepper	Schinus molle	8.4	13	50	34				Significant	Remove	РР	
112	California pepper	Schinus molle	23.6	30	50	34				Significant	Remove	РР	
113	California pepper	Schinus molle	10.6	25	50	20				Significant	Remove	РР	
114	California pepper	Schinus molle	13.9	18	50	20				Significant	Remove	РР	
115	California pepper	Schinus molle	17.3 @ 3.5 ft.	24	50	20				Significant	Remove	РР	
116	California pepper	Schinus molle	13	23	50	20				Significant	Remove	РР	
117	California pepper	Schinus molle	5.1, 15.5, 16.8 (46.4" cumulative)	32	50	20				Significant	Remove	РР	
118	California pepper	Schinus molle	4.5, 8.7 (13.2" cumulative)	10	50	20				Significant	Remove	PP	
119	sugar gum	Eucalyptus cladocalyx	16.3	55	90	20				Significant	Remove	РР	
120	California pepper	Schinus molle	9	18	50	20				Significant	Remove	РР	



Tree #	Common Name	Botanical Name	Diameterat 4.5 feet (DBH)* in inches	Height (feet)	Height at Maturity (feet)	Height That Tree Cannot Exceed for 5' Clearance	Canopy Spread (N/E/S/W) in feet	Health	Structure	"Protected", "ROW" or "Significant"	Disposition	Jurisdiction	Comments
121	Chilean pepper	Schinus polygamus	10.8	18	20	117	6/8/10/15	В	В	Significant	Remove	РР	first tree inventoried in section between freeway and stadium entrance, MPE, minor dieback
122	Chilean pepper	Schinus polygamus	3.6, 4.4 (8" cumulative)	15	20	117	9/9/8/0	B-	С	Significant	Remove	РР	one trunk failed, some dead branches
123	Chilean pepper	Schinus polygamus	6.5, 8.3, 4 (18.8" cumulative)	16	20	117	7/15/13/16	В	В	Significant	Remove	PP	minor dieback
124	Chilean pepper	Schinus polygamus	4.2, 4.5 (8.7" cumulative)	14	20	117	8/0/6/5	В	В	Significant	Remove	РР	included bark, one trunk removed
125	Chilean pepper	Schinus polygamus	4.2, 5.5 (9.7" cumulative)	12	20	117	6/0/12/8	В	В	Significant	Remove	РР	one trunk removed, leans southwest
126	Chilean pepper	Schinus polygamus	6.4, 5.6 (12" cumulative)	12	20	117	3/0/10/12	C+	C-	Significant	Remove	PP	leans southwest, basal decay
127	Chilean pepper	Schinus polygamus	4.1, 5 (9.1" cumulative)	16	20	117	2/11/6/9	В	В	Significant	Remove	РР	minor dieback
128	Chilean pepper	Schinus polygamus	9, 8 (17" cumulative)	16	20	117	5/12/7/11	С	С	Significant	Remove	РР	COD, MPE, moderate dieback
129	Chilean pepper	Schinus polygamus	9.5, 11.3 (20.8" cumulative)	16	20	117	9/13/10/12	С	С	Significant	Remove	PP	basal decay, COD, moderate dieback, old cuts
130	Chilean pepper	Schinus polygamus	12 @ 3 ft.	15	20	117	8/5/9/10	С	С	Significant	Remove	РР	one trunk failed, moderate dieback, some dead branches
131	sugar gum	Eucalyptus cladocalyx	40	75	90	98	31/14/26/20	B+	B-	No	Remove	Caltrans	tree behind fencing, estimated DBHs, pruned for freeway clearance, HOB, MPE



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Tree #	Common Name	Botanical Name	Diameterat 4.5 feet (DBH)* in inches	Height (feet)	Height at Maturity (feet)	Height That Tree Cannot Exceed for 5' Clearance	Canopy Spread (N/E/S/W) in feet	Health	Structure	"Protected", "ROW" or "Significant"	Disposition	Jurisdiction	Comments
132	sugar gum	Eucalyptus cladocalyx	28 @ 2 ft.	55	90	98	7/7/35/30	В	С	No	Remove	Caltrans	tree behind fencing, estimated DBHs below split, leans southwest, pruned for freeway clearance, HOB, hangers, minor dieback, codoms
133	Chilean pepper	Schinus polygamus	12, 13 (25" cumulative)	15	20	55	5/14/20/12	A	В+	No	Preserve	Caltrans	tree behind fencing, estimated DBHs, MPE
134	Chilean pepper	Schinus polygamus	11, 13, 13 (37" cumulative)	15	20	55	14/10/15/13	A	B+	No	Preserve	Caltrans	tree behind fencing, estimated DBHs, MPE
135	Chilean pepper	Schinus polygamus	12, 12, 22 (46" cumulative)	15	20	55	22/17/17/15	A	В	No	Preserve	Caltrans	tree behind fencing, estimated DBHs, MPE
136	sugar gum	Eucalyptus cladocalyx	9, 12, 18 (39" cumulative)	45	90	60	20/10/24/22	B+	В	No	Remove	Caltrans	tree behind fencing, estimated DBHs, MPE
137	sugar gum	Eucalyptus cladocalyx	14, 18 (32" cumulative)	40	90	60	21/17/14/21	В	В	No	Remove	Caltrans	tree behind fencing, estimated DBHs, MPE
138	sugar gum	Eucalyptus cladocalyx	32	50	90	70	22/15/18/24	В	B-	No	Remove	Caltrans	tree behind fencing, estimated DBHs, MPE
139	Spanish dagger	Yucca gloriosa	6.5, 5.8, 8.2 (20.5" cumulative)	16	25	32	1/2/7/7	В	В	Significant	Remove	РР	one trunk nearly dead
140	Chilean pepper	Schinus polygamus	3, 6.7, 4.4, 8.3 (22.4" cumulative)	16	20	32	14/15/8/3	В	B-	Significant	Remove	РР	leans north, interior dieback, one small trunk dead



Tree #	Common Name	Botanical Name	Diameterat 4.5 feet (DBH)* in inches	Height (feet)	Height at Maturity (feet)	Height That Tree Cannot Exceed for 5' Clearance	Canopy Spread (N/E/S/W) in feet	Health	Structure	"Protected", "ROW" or "Significant"	Disposition	Jurisdiction	Comments
141	Carolina cherry	Prunus caroliniana	4.5, 6.8, 4.7 (16" cumulative)	22	30	32	12/9/10/12	A	В	Significant	Remove	PP	SS, cut in the middle, MPE
142	Spanish dagger	Yucca gloriosa	5.5, 7.1 (12.6" cumulative)	16	20	32	4/4/4/4	A	В	Significant	Remove	РР	
143	Spanish dagger	Yucca gloriosa	4.2, 6.5 (10.7" cumulative)	16	20	32	5/5/5/5	A	В	Significant	Remove	PP	
144	Spanish dagger	Yucca gloriosa	4.7, 3, 2.4, 2.2 (12.3" cumulative)	16	20	32	3/5/7/5	A	В	Significant	Remove	РР	
145	Spanish dagger	Yucca gloriosa	3.2, 9.8, 18.5 (31.5" cumulative)	17	20	32	7/5/8/7	A	В	Significant	Remove	РР	
146	Spanish dagger	Yucca gloriosa	17.6, 12.2, 5 (34.8" cumulative)	18	20	32	8/8/8/8	A	B-	Significant	Remove	РР	decay
147	Chilean pepper	Schinus polygamus	8, 2 (10" cumulative)	15	20	32	12/16/0/0	A	B-	Significant	Remove	РР	leans northeast, shaded out
148	Spanish dagger	Yucca gloriosa	20.4, 2.8 (23.2" cumulative)	18	20	32	6/6/6/6	A	В	Significant	Remove	РР	
149	Mexican elderberry	Sambucus mexicana	1.5, 2, 1.8, 1.6, 1.7, 2.7 (11.3" cumulative)	15	30	32	5/5/5/5	B+	С	Protected	Remove	РР	MPE, topped, shaded, embedded in fence
150	Chilean pepper	Schinus polygamus	12.8	15	20	32	4/12/16/17	B+	B-	Significant	Remove	РР	moderate dieback, trunk leans southwest, MPE, HOB, shaded out
151	Spanish dagger	Yucca gloriosa	3, 2.3, 2.5, 5.5, 4.4, 4, 3.2, 2.9, 3.2 (30.8″ cumulative)	11	20	32	2/4/7/2	В	B-	Significant	Remove	РР	shaded out, interior dieback, MPE, multiple trunks cut



Tree #	Common Name	Botanical Name	Diameterat 4.5 feet (DBH)* in inches	Height (feet)	Height at Maturity (feet)	Height That Tree Cannot Exceed for 5' Clearance	Canopy Spread (N/E/S/W) in feet	Health	Structure	"Protected", "ROW" or "Significant"	Disposition	Jurisdiction	Comments
152	Spanish dagger	Yucca gloriosa	5.5, 4.9, 1.9, 6.7, 4.2 (23.2" cumulative)	15	20	32	4/5/5/7	В	C+	Significant	Remove	РР	one dead trunk
153	Spanish dagger	Yucca gloriosa	5.9, 2.2, 4.8, 3.4, 2.3, 6.2, 5.6 (30.4" cumulative)	18	20	32	7/6/6/8	В	B-	Significant	Remove	РР	minor decay
154	Spanish dagger	Yucca gloriosa	7.5, 7.6, 2.9, 3.8 (21.8" cumulative)	17	20	32	3/6/4/0	В	B-	Significant	Remove	РР	minor dieback
155	Spanish dagger	Yucca gloriosa	3.8, 4.2, 5.1, 6.2 (19.3" cumulative)	18	20	32	3/3/3/3	B+	C+	Significant	Remove	РР	one large trunk cut, minor dieback
156	Chilean pepper	Schinus polygamus	3.5, 8.4, 7.7, 4, 5.6, 3.4, 1.8, 10 (44.4" cumulative)	16	20	32	6/16/15/10	B-	С	Significant	Remove	РР	canopy leans southeast, exposed roots, MPE,basal decay, epicormic growth
157	Marina strawberry tree	Arbutus 'Marina'	13.3	20	40	32	10/9/12/11	A	A	Significant	Remove	РР	interior pruned, active northern mockingbird nest (feeding chicks on 5/27/2021)
OS158	avocado	Persea americana	15	25	40	32	17/17/17/17	A	A	Significant - off-site	Preserve	PP	overhangs ~7 feet over property, estimated DBH, no access
ST159	Australian willow	Geijera parviflora	4.8	18	35	32	5/4/4/6	В	В	ROW	Remove	ROW	in tree well on sidewalk on Broadway, MPE
ST160	Australian willow	Geijera parviflora	4.8	18	35	32	7/9/8/9	B-	В	ROW	Remove	ROW	in tree well on sidewalk, MPE, stake attached and damaging tree, tie embedded in trunk



Tree #	Common Name	Botanical Name	Diameterat 4.5 feet (DBH)* in inches	Height (feet)	Height at Maturity (feet)	Height That Tree Cannot Exceed for 5' Clearance	Canopy Spread (N/E/S/W) in feet	Health	Structure	"Protected", "ROW" or "Significant"	Disposition	Jurisdiction	Comments
ST161	Australian willow	Geijera parviflora	5.5	20	35	32	10/10/8/9	A-	В	ROW	Remove	ROW	in tree well on sidewalk, MPE
ST162	Australian willow	Geijera parviflora	6.1	20	35	32	9/8/7/10	A-	В	ROW	Remove	ROW	in tree well on sidewalk, MPE, HOB
ST163	jacaranda	Jacaranda mimosifolia	1	5	50	32	1/1/1/1	В	D	ROW	Remove	ROW	in planter tree well on sidewalk on Broadway, SS only, Mexican fan palm growing in same tree well (BT – 1')
ST164	jacaranda	Jacaranda mimosifolia	1.3, 1.5, 1.1, 1.8 (5.7" cumulative)	9	50	32	1/1/1/1	С	D	ROW	Remove	ROW	in planter tree well on sidewalk, SS only
ST165	western sycamore	Platanus racemosa	6.4, 7.1 (13.2″ cumulative)	20	80	95	9/10/8/13	В	B-	ROW	Remove	ROW	sycamore borer, exfoliating bark, codoms with included bark, epicormic growth
ST166	western sycamore	Platanus racemosa	10.7, 9.1 (19.8" cumulative)	25	80	95	18/15/14/10	A-	B+	ROW	Remove	ROW	sycamore borer, mechanical damage with exudation
ST167	western sycamore	Platanus racemosa	9.4	22	80	95	9/9/12/11	С	C-	ROW	Remove	ROW	one large dead trunk, potential infestation, extensive dieback, many dead branches
ST168	western sycamore	Platanus racemosa	5.7, 6.6 (12.3" cumulative)	22	80	95	7/7/10/9	В	C+	ROW	Remove	ROW	exudation, root decay, minor dieback
ST169	carrotwood	Cupaniopsis anacardioides	2.4, 2.5, 2.8, 1.3 (9" cumulative)	14	40	95	9/11/6/0	В	B-	ROW	Remove	ROW	HOB, sparse



			Diameterat 4.5 feet (DBH)*		Height	Height That Tree	Canopy	÷	ure	"Protected",	tion	tion	
Tree #	Common Name	Botanical Name	in inches	Height (feet)	Maturity (feet)	Exceed for 5' Clearance	(N/E/S/W) in feet	Heal	Struct	"ROW" or "Significant"	Dispos	Jurisdio	Comments
ST170	western sycamore	Platanus racemosa	8.7, 10.7 (19.4" cumulative)	32	80	95	14/15/13/15	B+	В	ROW	Remove	ROW	exposed roots with lawn mower damage, codoms with included bark, minor dieback
ST171	western sycamore	Platanus racemosa	6.6, 7.6 (14.2" cumulative)	30	80	95	9/11/13/7	В	В	ROW	Remove	ROW	minor dieback
ST172	pink trumpet tree	Handroanthus impetiginosus	5.5	16	30	95	12/8/9/12	B+	B+	ROW	Remove	ROW	mechanical damage on street side, slight lean northwest
ST173	pink trumpet tree	Handroanthus impetiginosus	6.6	16	30	95	8/8/9/11	B-	B-	ROW	Remove	ROW	mechanical damage on trunk with good callousing, HOB, sparse
ST174	pink trumpet tree	Handroanthus impetiginosus	5.8	15	30	95	9/9/12/8	B-	В	ROW	Remove	ROW	MPE
ST175	pink trumpet tree	Handroanthus impetiginosus	4.4	14	30	18	7/7/6/7	A-	A-	ROW	Remove	ROW	slight mechanical damage
ST176	Mexican fan palm	Washingtonia robusta	BT 25'	30	100	18	5/5/5/5	A	В	ROW	Remove	ROW	
ST177	pink trumpet tree	Handroanthus impetiginosus	5.1	15	30	18	10/8/11/9	A	В	ROW	Remove	ROW	mechanical damage, stake tie embedded, old tears, good callousing
ST178	Mexican fan palm	Washingtonia robusta	BT 25'	30	100	18	6/6/6/6	А	В	ROW	Remove	ROW	
ST179	pink trumpet tree	Handroanthus impetiginosus	4.2	15	30	18	7/4/6/12	В-	B-	ROW	Remove	ROW	mechanical damage, slightly sparse



Tree #	Common Name	Botanical Name	Diameterat 4.5 feet (DBH)* in inches	Height (feet)	Height at Maturity (feet)	Height That Tree Cannot Exceed for 5' Clearance	Canopy Spread (N/E/S/W) in feet	Health	Structure	"Protected", "ROW" or "Significant"	Disposition	Jurisdiction	Comments
ST180	Mexican fan palm	Washingtonia robusta	BT 28'	33	100	18	5/5/5/5	A	В	ROW	Remove	ROW	
ST181	pink trumpet tree	Handroanthus impetiginosus	4	14	30	18	7/5/9/9	В	В	ROW	Remove	ROW	slightly sparse, mechanical damage
ST182	Mexican fan palm	Washingtonia robusta	BT 28'	33	100	18	5/5/5/5	A	В	ROW	Remove	ROW	
183	blackwood acacia	Acacia melanoxylon	14.1	22	40	N/A	9/17/16/9	B+	B-	Significant	Remove	РР	leans S, MPE
184	golden wattle	Acacia pycnantha	2.9, 2.9 (5.8" cumulative)	8	25	N/A	0/7/12/4	В	С	No	Remove	РР	leans S, at top of slope, diameters measured at 2 feet
185	golden wattle	Acacia pycnantha	2, 1.5, 1.5, 1, 1 (7" cumulative)	10	25	N/A	6/7/6/5	A-	В	No	Remove	РР	diameters measured low
186	golden wattle	Acacia pycnantha	4.1, 2.8 (6.9" cumulative)	15	25	N/A	9/10/7/7	A-	В	No	Remove	РР	diameters measured at 3 feet
187	golden wattle	Acacia pycnantha	4, 3, 2, 2.5, 1.5, 1.5, 1.5 (16" cumulative)	18	25	N/A	5/12/10/4	В	C-	Significant	Remove	РР	base eroded away, fallen to E, diameters estimated
188	golden wattle	Acacia pycnantha	4.8, 4, 3 (11.8" cumulative)	16	25	N/A	13/9/4/7	A-	С	Significant	Remove	РР	heavy lean N, base eroded, exposed roots
189	golden wattle	Acacia pycnantha	5.9, 4, 4.2, 2, 3.4 (19.5″ cumulative)	16	25	N/A	5/18/13/8	B+	С	Significant	Remove	PP	leans E, trunk buried, eroded
190	Chilean pepper	Schinus polygamus	5.5, 2.6, 2.6, 3.1 (13.8" cumulative)	15	20	N/A	5/8/6/5	В	C+	Significant	Remove	PP	COD, trunk leans E



			Diameterat 4.5 feet (DBH)*		Height at Maturity	Height That TreeCannot Exceed for 5'	Canopy Spread (N/E/S/W)in	Health	tructure	"Protected", "ROW" or	sposition	isdiction	
Tree #	Common Name	Botanical Name	in inches	Height (feet)	(feet)	Clearance	feet		S	"Significant"	ö	'n	Comments
191	Golden wattle	Acacia pycnantha	3.1	15	25	N/A	8/11/12/6	B+	B-	No	Remove	РР	НОВ
192	Chilean pepper	Schinus polygamus	4, 4.7, 4.1, 2.8 (15.6" cumulative)	15	20	N/A	7/9/7/7	В	В	Significant	Remove	РР	on slope
193	Chilean pepper	Schinus polygamus	4, 6, 2 (12" cumulative)	15	20	N/A	6/6/6/6	В	В	Significant	Remove	РР	on slope, surrounded by shrubs, estimated
194	Chilean pepper	Schinus polygamus	2.3, 2.2, 3.3, 3.8 (11.6" cumulative)	12	20	N/A	3/5/6/5	В	B-	Significant	Remove	РР	on slope, surrounded by shrubs, estimated
195	Chilean pepper	Schinus polygamus	2.5, 3.5 (6" cumulative)	10	20	N/A	6/11/6/4	В	B-	No	Remove	РР	on slope, surrounded by shrubs, estimated
196	Chilean pepper	Schinus polygamus	4, 8 (12" cumulative)	15	20	N/A	5/4/10/5	В	B-	Significant	Remove	РР	on slope, surrounded by shrubs, estimated
197	Chilean pepper	Schinus polygamus	1.7, 2, 2.2 (5.9" cumulative)	15	20	N/A	3/8/8/4	В	B-	No	Remove	РР	on slope, surrounded by shrubs, estimated
198	Chilean pepper	Schinus polygamus	2.5, 5 (7.5" cumulative)	16	20	N/A	9/9/6/6	B+	В	No	Remove	PP	on slope, surrounded by shrubs, estimated
199	Chilean pepper	Schinus polygamus	6.5, 4.1, 4.3, 3.4, 3.3 (21.6" cumulative)	14	20	N/A	13/10/12/6	В	B-	Significant	Remove	РР	trunk buried
200	Chilean pepper	Schinus polygamus	2.5, 4.6. 2.1 (9.2" cumulative)	12	20	N/A	6/8/7/6	В	B-	Significant	Remove	PP	on slope, surrounded by shrubs, estimated
201	Chilean pepper	Schinus polygamus	3	12	20	N/A	5/7/7/5	В	B-	No	Remove	РР	on slope, surrounded by shrubs, estimated



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202	Chilean pepper	Schinus polygamus	4.2, 4 (8.2" cumulative)	12	20	N/A	0/6/9/4	В	C+	Significant	Remove	PP	heavy lean, shaded out
203	blackwood acacia	Acacia melanoxylon	4.2, 5.2 (9.4" cumulative)	16	40	N/A	14/9/6/5	B+	B-	Significant	Remove	PP	trunk leans N
204	Chilean pepper	Schinus polygamus	2.8, 3.2 (6" cumulative)	14	20	N/A	8/9/6/5	В	В	No	Remove	PP	on slope, surrounded by shrubs, estimated
205	Chilean pepper	Schinus polygamus	4.4, 4.5 (8.9" cumulative)	15	20	N/A	12/8/13/9	В-	В-	Significant	Remove	РР	trunk buried, HOB
206	Chilean pepper	Schinus polygamus	6.3, 6.2, 7.1, 4.4, 3.9 (27.9" cumulative)	16	20	N/A	11/14/8/9	В	В	Significant	Remove	PP	on slope, surrounded by shrubs, estimated
207	Chilean pepper	Schinus polygamus	5.2, 1.4 (6.6" cumulative)	13	20	N/A	9/9/7/6	В	В	No	Remove	РР	on slope, surrounded by shrubs, estimated
208	Chilean pepper	Schinus polygamus	3.5, 1.5 (5" cumulative)	15	20	N/A	6/8/7/6	В	В	No	Remove	PP	on slope, surrounded by shrubs, estimated
209	Chilean pepper	Schinus polygamus	1, 2.8 (3.8" cumulative)	15	20	N/A	5/7/7/5	В	В	No	Remove	РР	on slope, surrounded by shrubs, estimated
210	Chilean pepper	Schinus polygamus	3, 3.4, 1.8 (8.2" cumulative)	15	20	N/A	3/8/8/6	В	В	Significant	Remove	PP	on slope, surrounded by shrubs, estimated
211	Chilean pepper	Schinus polygamus	8.2, 9.1 (17.3" cumulative)	18	20	N/A	11/11/9/12	A-	C+	Significant	Remove	РР	trunk leans E, cross branches, erosion
212	Chilean pepper	Schinus polygamus	9.8, 4, 5.9, 5.3, 7.4, 6.7, 5.8, 4.2, 4.5 (53.6" cumulative)	24	20	N/A	12/15/17/8	B+	B-	Significant	Remove	РР	erosion at base



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Tree #	Common Name	Botanical Name	Diameterat 4.5 feet (DBH)* in inches	Height (feet)	Height at Maturity (feet)	Height That TreeCannot Exceed for 5' Clearance	Canopy Spread (N/E/S/W)in feet	Health	Structure	"Protected", "ROW" or "Significant"	Disposition	Jurisdiction	Comments
213	Chilean pepper	Schinus polygamus	8.9, 4.4, 5.2, 6.3, 5.8 (30.6" cumulative)	14	20	N/A	5/9/14/6	B-	С	Significant	Remove	РР	on slope, surrounded by shrubs, estimated, shaded out, 8.9 inch trunk measured low at 1 foot
214	Chilean pepper	Schinus polygamus	3.3, 4.1, 2 (9.4" cumulative)	12	20	N/A	8/10/10/6	В	В	Significant	Remove	РР	on slope, surrounded by shrubs, estimated
215	Chilean pepper	Schinus polygamus	4.9, 4.2 (9.1" cumulative)	15	20	N/A	2/5/16/8	B-	B-	Significant	Remove	РР	trunk buried, HOB
216	golden wattle	Acacia pycnantha	9.5	4	25	N/A	0/0/15/0	С	D	Significant	Remove	РР	trunk fallen on ground/still alive, part of canopy covered with dirt pile
217	Chilean pepper	Schinus polygamus	1.8, 3.4, 3.3 (8.5" cumulative)	15	20	N/A	10/5/13/7	A-	B-	Significant	Remove	PP	canopy overhangs entrance gate to S
218	Chilean pepper	Schinus polygamus	7.1, 5.5 (12.6" cumulative)	18	20	N/A	6/13/19/8	В	В	Significant	Remove	РР	on slope, surrounded by shrubs, overhangs entrance gate to S
219	Chilean pepper	Schinus polygamus	11.3, 10.2 (21.5" cumulative)	25	20	N/A	7/20/17/12	В	В	Significant	Remove	РР	on slope behind fence, diameters estimated
220	Chilean pepper	Schinus polygamus	11	22	20	N/A	8/10/11/10	A-	В	Significant	Remove	PP	HOB, diameter measured low at 3 feet
221	golden wattle	Acacia pycnantha	3.9	18	25	N/A	6/10/10/7	A	B+	No	Remove	PP	on top of slope
222	Chilean pepper	Schinus polygamus	3, 3.5, 6 (12.5" cumulative)	18	20	N/A	11/14/10/5	C+	С	Significant	Remove	РР	shaded out, sparse, trunk failures



Tree #	Common Name	Botanical Name	Diameterat 4.5 feet (DBH)* in inches	Height (feet)	Height at Maturity (feet)	Height That TreeCannot Exceed for 5' Clearance	Canopy Spread (N/E/S/W)in feet	Health	Structure	"Protected", "ROW" or "Significant"	Disposition	Jurisdiction	Comments
223	Chilean pepper	Schinus polygamus	5.5	16	20	N/A	6/12/5/5	В	В	No	Remove	РР	leans E
224	Chilean pepper	Schinus polygamus	4.4, 3 (7.4" cumulative)	15	20	N/A	6/11/4/3	A-	В	No	Remove	РР	leans E
225	Chilean pepper	Schinus polygamus	7	20	20	N/A	10/10/10/10	A	В	No	Remove	РР	10 SS at 1 inch, growing through fence
226	Chilean pepper	Schinus polygamus	2	12	20	N/A	4/6/4/4	В	В	No	Remove	РР	against fence
227	Chilean pepper	Schinus polygamus	2.1, 3.2 (5.3" cumulative)	14	20	N/A	4/9/8/5	B-	В	No	Remove	РР	a bit sparse
228	Chilean pepper	Schinus polygamus	10.6	19	20	N/A	11/12/13/7	В	В	Significant	Remove	РР	adjacent to fence
229	Chilean pepper	Schinus polygamus	6.8	18	20	N/A	12/11/8/5	С	С	No	Remove	РР	sparse, COD
230	Chilean pepper	Schinus polygamus	4.7, 5 (9.7 cumulative)	16	20	N/A	9/10/13/10	В	В	Significant	Remove	PP	on slope
231	Chilean pepper	Schinus polygamus	2.9, 3.7, 4.8 (11.4" cumulative)	16	20	N/A	6/14/5/0	В	В-	Significant	Remove	РР	leans E, ivy growing into canopy
232	Chilean pepper	Schinus polygamus	5.2	15	20	N/A	5/15/6/0	В	B-	No	Remove	РР	leans E
233	Chilean pepper	Schinus polygamus	2.2, 2.3, 3.4, 1.3 (9.2" cumulative)	20	20	N/A	5/13/6/0	В	B-	Significant	Remove	РР	leans E, ivy growing into canopy



Tree #	Common Name	Botanical Name	Diameterat 4.5 feet (DBH)* in inches	Height (feet)	Height at Maturity (feet)	Height That TreeCannot Exceed for 5' Clearance	Canopy Spread (N/E/S/W)in feet	Health	Structure	"Protected", "ROW" or "Significant"	Disposition	Jurisdiction	Comments
234	Chilean pepper	Schinus polygamus	2.2, 2.8 (5" cumulative)	15	20	N/A	6/6/9/6	A-	В	No	Remove	РР	surrounded by small SS
235	Chilean pepper	Schinus polygamus	.8, 1.1, 2.5 (4.4" cumulative)	12	20	N/A	7/8/2/2	B+	В	No	Remove	РР	ivy growing up trunk
236	Chilean pepper	Schinus polygamus	1, 2.1, 4.2 (7.3" cumulative)	20	20	N/A	14/15/4/0	А	В	No	Remove	РР	leans E, ivy growing into canopy
237	Chilean pepper	Schinus polygamus	6	16	20	N/A	7/16/5/0	A-	В-	No	Remove	РР	heavy lean E
238	Chilean pepper	Schinus polygamus	2, 2.3, 3 (7.3" cumulative)	14	20	N/A	2/6/9/5	A-	В	No	Remove	РР	in group of peppers
239	Chilean pepper	Schinus polygamus	12, 13.5 (25.5" cumulative)	18	20	N/A	11/10/9/8	A-	В	Significant	Remove	РР	in group of peppers, diameters measured low
240	Chilean pepper	Schinus polygamus	2.8, 3.6, 2.9, 1.7, 2.2 (13.2" cumulative)	16	20	N/A	12/11/12/12	A-	В	Significant	Remove	PP	in group of peppers
241	Chilean pepper	Schinus polygamus	2.8, 3.3, 3.6, 2.5, 4.4 (16.6" cumulative)	10	20	N/A	4/5/5/4	C+	C+	Significant	Remove	РР	shaded out, sparse
242	Chilean pepper	Schinus polygamus	3, 5.5, 3.5, 3.6, 3.5, 3.2, 2.1 (24.4" cumulative)	14	20	N/A	6/8/9/5	С	С	Significant	Remove	PP	in group of peppers, sparse
243	Chilean pepper	Schinus polygamus	3, 3.2, 4.2, 2.5 (12.9" cumulative)	12	20	N/A	11/10/11/6	B+	В	Significant	Remove	РР	in group of peppers
244	Chilean pepper	Schinus polygamus	2, 2.2, 1.5, 1.2, 1.3 (8.2" cumulative)	10	20	N/A	5/6/5/5	В	В	Significant	Remove	РР	in group of peppers



Tree #	Common Name	Botanical Name	Diameterat 4.5 feet (DBH)* in inches	Height (feet)	Height at Maturity (feet)	Height That TreeCannot Exceed for 5' Clearance	Canopy Spread (N/E/S/W)in feet	Health	Structure	"Protected", "ROW" or "Significant"	Disposition	Jurisdiction	Comments
245	Chilean pepper	Schinus polygamus	2.8, 3.2, 3.5 (9.5" cumulative)	16	20	N/A	9/8/8/6	В	В	Significant	Remove	РР	in group of peppers
246	Chilean pepper	Schinus polygamus	6.4	12	20	N/A	12/11/4/3	С	С	No	Remove	РР	leans N
247	Chilean pepper	Schinus polygamus	5.8	12	20	N/A	8/8/7/7	В	В	No	Remove	РР	diameters measured at 2 feet
248	Chilean pepper	Schinus polygamus	7	15	20	N/A	8/11/11/9	В	В	No	Remove	РР	exposed roots
249	Chilean pepper	Schinus polygamus	9.8	18	20	N/A	12/14/12/11	В	В	Significant	Remove	РР	ivy growing up trunk
250	golden wattle	Acacia pycnantha	2, 3, 2.5, 3, 2.6, 2.3, 2.3, 2.1 (19.8" cumulative)	24	25	N/A	15/15/15/15	D	С	Significant	Remove	РР	in decline
251	flooded gum	Eucalyptus rudis	5.8, 9.7, 9.3 (24.8" cumulative)	25	60	N/A	8/19/7/12	С	C-	Significant	Remove	РР	some deadwood throughout, small pepper at base
252	Chilean pepper	Schinus polygamus	2.3, 1.2, 1.1, 2.9 (7.5" cumulative)	8	20	N/A	3/0/2/9	С	С	No	Remove	РР	leans W, adjacent to gum tree
253	Chinese elm	Ulmus parvifolia	10.5	30	70	N/A	16/15/19/18	A	С	Significant	Remove	РР	split on lower trunk, high risk for failure, adjacent to highway, diameter estimated
254	golden wattle	Acacia pycnantha	4.3, 6.8 (11.1" cumulative)	20	25	N/A	12/9/16/11	B+	В	Significant	Remove	РР	trunk leans W, photos 1820 to 1824 are of circled area to get estimate of trees (0 or 1?)



Tree #	Common Name	Botanical Name	Diameterat 4.5 feet (DBH)* in inches	Height (feet)	Height at Maturity (feet)	Height That TreeCannot Exceed for 5' Clearance	Canopy Spread (N/E/S/W)in feet	Health	Structure	"Protected", "ROW" or "Significant"	Disposition	Jurisdiction	Comments
255	Chilean pepper	Schinus polygamus	5.1, 6.6, 6.9 (18.6" cumulative)	18	20	N/A	15/12/9/13	A	В	Significant	Remove	PP	2 trunks cut
256	Chilean pepper	Schinus polygamus	1.8, 2, 2, 9.5 (15.3" cumulative)	18	20	N/A	10/11/11/8	A-	В	Significant	Remove	PP	multiple SS, 9.5 diameter measured at 1.5 feet
ST257	Mexican fan palm	Washingtonia robusta	BT-18'	28	100	18	6/6/6/6	А	B+	ROW	Remove	ROW	dead fronds in canopy
ST258	pink trumpet tree	Handroanthus impetiginosus	3.5	16	30	18	8/8/10/11	A-	В	ROW	Remove	ROW	slight lean
ST259	Mexican fan palm	Washingtonia robusta	BT 18'	28	100	18	6/6/6/6	A	B+	ROW	Remove	ROW	dead fronds in canopy
ST260	pink trumpet tree	Handroanthus impetiginosus	4.2	15	30	18	13/5/11/9	B-	С	ROW	Remove	ROW	dieback throughout, HOB, mechanical damage on street side

Notes: Definitions for 'Health' and 'Structure' ratings are provided at the end of this report.

Trees #88-120 at Dodger Stadium, all private property trees, are not of a protected species as set forth in the City of Los Angeles' Tree Protection Ordinance No. 186,873, and therefore health and structure information and canopy spreads were not required to be evaluated or measured.

Canopy measurement directions are N, E, S, W; additional cardinal directions are included when appropriate.

DBH – Diameter at Breast Height – A forestry term used to describe a tree's trunk diameter measured at 4.5 feet above grade. Often used as a representation of tree size.

BT – Brown Trunk. Because palms do not typically increase in trunk diameter as they age, they are measured in "Brown Trunk Height," the distance between grade and the newest emerging spear.

- **COD** Column of decay
- ISHB Invasive shot hole borer
- HOB History of breakage
- **MPE** Multiple pruning events
- OS Off-site tree
- SS Stump sprouts
- **ST** City of Los Angeles right-of-way tree (street tree)
- **PP** Private property tree
- ROW City of Los Angeles right-of-way tree
- State Los Angeles State Historic Park tree

Caltrans - California Department of Transportation (Caltrans) tree

	ADJOINING	OWNERS		UTILTY INFORM	TION TABLE"	1		
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	Date prepare	a 03/17/22		REPRESENTS A SURVEY WADE UNDER MY SUPERVISION		300 160 0' 150' 300' 600' SAN	STATIC Reconciliant	
	Date revised Prepared by	up/17/23 S. NoAlloster, ISA Cartified Arborist			EF.	GRAPHIC SCALE SCALE : 1"-300"	ANA (101) FREEAM	PRAECT ADDRESS
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HEALTH AND STRUCTURE GRADE DEFINITIONS

Health and structure ratings of the trees are based on the archetype tree of the same species through a subjective evaluation of its physiological health, aesthetic quality, and structural integrity.

Overall physiological condition (health) and structural condition were rated A-F:

<u>Health</u>

- A. Outstanding Exceptional trees of good growth form and vigor for their age class; exhibiting very good to excellent health as evidenced by normal to exceptional shoot growth during current season, good bud development and leaf color, lack of leaf, twig or branch dieback throughout the crown, and the absence of decay, bleeding, or cankers. Common leaf and/or twig pests may be noted at very minor levels.
- B. Above average Good to very good trees that exhibit minor necrotic or physiological symptoms of stress and/or disease; shoot growth is less than reasonably expected, leaf color is less than optimal in some areas, the crown may be thinning, minor levels of leaf, twig, and branch dieback may be present, and minor areas of decay, bleeding, or cankers may be manifesting. Minor amounts of epicormic growth may be present. Minor amounts of fire damage or mechanical damage may be present. Still healthy, but with moderately diminished vigor and vitality. No significant decline noted.
- C. Average Average, moderately good trees whose growth habit and physiological or fire-induced symptoms indicate an equal chance to either decline or continue with good health into the near future. Most of these trees exhibit moderate to significant small deadwood in outer crown areas, decreased shoot growth and diminished leaf color and mass. Some stem and branch dieback is usually present and epicormic growth may be moderate to extensive. Cavities, pockets of decay, relatively significant fire damage, bark exfoliation, or cracks may be present. Moderate to significant amounts of insect or disease symptoms may be present; the tree may be shaded or crowded in such a way that it is expected to negatively impact the lifespan of the tree. Tree may be in early decline.
- D. Below Average/Poor trees whose growth habit and physiological or fire-induced symptoms indicate significant, irreversible decline. Most of these trees exhibit significant dieback of wood in the crown, possibly accompanied by significant epicormic sprouting. Shoot growth and leaf color and mass is either significantly diminished or nonexistent throughout the crown. Cavities, pockets of decay, significant fire damage, bark exfoliation, and/or cracks may be present. Significant amounts of insect or disease symptoms may be present; the tree may be shaded or crowded in such a way that it has negatively impacted the lifespan of the tree. Tree appears to be in irreversible decline.
- F. Dead or in spiral of decline this tree exhibits very little to no signs of life.

Structure

- A. Outstanding Trees with outstanding structure for their species exhibit trunk and branch arrangement and orientation that result in a sturdy form or architecture that resists failure under normal circumstances. The spacing, orientation, and size of the branches relative to the trunk are quintessential for the species and free from defects. No outward sign of decay or pathological disease is present. Some trees exhibit naturally inherent branching defects, like multiple, narrow points of attachment from one point on the trunk, which would preclude them from achieving an "A" grade.
- B. Above average Trees with good to very good structure for their species. They exhibit trunk and branch arrangement and orientation that result in a relatively sturdy form or architecture that resists failure under

normal circumstances, but may have some mechanical damage, over-pruning, or other minor structural defects. The spacing, orientation, and size of the branches relative to the trunk are still in the normal range for the species, but they exhibit a minor degree of defects. Minor, sub-critical levels of decay or pathological disease may be present, but the degree of damage is not yet structurally significant. Trees that exhibit naturally inherent branching defects, like multiple, narrow points of attachment from one point on the trunk, would generally fall in to this category. A small percentage of the canopy may be shaded or crowded, but not in such a way that it is expected to negatively impact the structural integrity or lifespan of the tree.

- C. Average Trees with moderately good structure for their species, but with obvious defects. They exhibit trunk and branch arrangement and orientation that result in a less than sturdy form or architecture, which reduces their resistance to failure under normal circumstances. Moderate levels of mechanical damage, over-pruning, or other structural defects may be present. The spacing, orientation, and size of some of the branches relative to the trunk are not in the normal range for the species. Moderate to significant levels of decay or pathological disease may be present that increase the likelihood of structural instability. Influences such as an excessive trunk lean, slope erosion, root pruning, or other growth-inhibiting factors may be present. A moderate to significant percentage of the canopy may be shaded or crowded in such a way that it is expected to negatively impact the structural integrity or lifespan of the tree. Risk of full or partial failure in the near future appears to be moderately elevated.
- D. Well Below Average/Poor Trees poor structure for their species and with obvious defects. They exhibit trunk and branch arrangement and orientation that result in a significantly less than sturdy form or architecture, significantly reducing their resistance to failure under normal circumstances. Significant levels of mechanical damage, over-pruning, or other structural defects may be present. The spacing, orientation, and size of many of the branches relative to the trunk are not in the normal range for the species. Significant levels of decay or pathological disease may be present that increase the likelihood of structural instability. Influences such as an excessive trunk lean, slope erosion, root pruning, or other growth-inhibiting factors may be present. A significant percentage of the canopy may be shaded or crowded in such a way that it is expected to negatively impact the structural integrity or lifespan of the tree. Risk of full or partial failure in the near future appears to be advanced.
- F. Severely Compromised trees with very poor structure and numerous or severe defects due to growing conditions, historical or recent pruning, mechanical damage, history of limb or trunk failures, advanced and irreparable decay, disease, or severe fire damage. Trees with this rating are in severe, irreparable decline, or are barely alive. Risk of full or partial failures in the near future may be severe.

ARBORIST DISCLOSURE STATEMENT

Arborists are tree specialists who use their education, knowledge, training and experience to examine trees, recommend measures to enhance the beauty and health of trees, and attempt to reduce the risk of living near trees. Clients may choose to accept or disregard the recommendations of the arborist, or to seek additional advice.

Arborists cannot detect every condition that could possibly lead to the structural failure of a tree. Trees are living organisms that fail in ways we do not fully understand. Conditions are often hidden within trees and below ground. Arborists cannot guarantee that a tree will be healthy or safe under all circumstances, or for a specified period of time. Likewise, remedial treatments, like any medicine, cannot be guaranteed.

Treatment, pruning and removal of trees may involve considerations beyond the scope of the arborist's services such as property boundaries, property ownership, site lines, disputes between neighbors, and other issues. Arborists cannot take such considerations into account unless complete and accurate information is disclosed to the arborist. An arborist should then be expected to reasonably rely upon the completeness and accuracy of the information provided.

Trees contribute greatly to our enjoyment and appreciation of life. Nonetheless, they are subject to the laws of gravity and physiological decline. Therefore, neither arborists nor tree owners can be reasonably expected to warrant unfailing predictability or elimination of risk.

Trees can be managed, but they cannot be controlled. To live near trees is to accept some degree of risk. The only way to eliminate all risk associated with trees is to eliminate all trees.

Risk assessments were neither requested nor performed on any of the trees for this project.

Appendix K.2 Avocado Tree Memo



Horticulturists and Registered Consulting ARBORISTS

June 25, 2023

Kim Avila, AICP ENV SP Kimley-Horn 660 S. Figueroa Street Los Angeles, CA 90017

Re: LA ART: Avocado Tree at 451 Savoy Street, Los Angeles, CA 90012

Dear Ms. Avila,

This letter provides my desktop review and determination of the existing and potential ultimate height of an avocado tree located at 451 Savoy Street in Los Angeles, California as it pertains to the proposed Project.

Based on the photographs provided to me as well as those accessed in Google images included on page 2, the subject avocado tree is between 30 and 40 feet in height. According to Cal Poly's SelecTree website (<u>https://selectree.calpoly.edu/tree-detail/992</u>), the maximum height of any variety of avocado is 40 feet. The tree's trunk diameter (approximated at 4.5 feet above grade; industry standard measurement) is between 20 and 24 inches in diameter, indicating that this is a mature tree. Any increase in height would be negligible.

SCJ Alliance, the proposed Project's gondola systems engineer, confirmed that the height of the bottom of the cabins adjacent to the avocado tree location is approximately 52 feet above the ground. There is no planned ground disturbance at 451 Savoy Street.

In my professional opinion, the aerial gondola project will have no above- or below-ground effect on the avocado tree. Because of the considerable distance from the tree to the cabin, no pruning would be necessary prior to construction or during Project operations.

Please feel welcome to contact me if you have any questions.

Sincerely,

Cayling

Cy Carlberg, Registered Consulting Arborist Principal, Carlberg Associates

Santa Monica Office 828 Fifth Street, Suite 3 Santa Monica, California 90403 Office: 310.451.4804

Sierra Madre Office 80 West Sierra Madre Boulevard, #241 Sierra Madre, California 91024 Office: 626.428.5072

www.cycarlberg.com







Facing southeast from Stadium Way showing the subject avocado (*Persea americana*) tree. Its trunk diameter at 4.5 feet is between 20 and 24 inches and its estimated height is between 30 and 40 feet. This is a mature tree and will likely not grow any taller.

