Appendix K
Trees

Appendix K.1
Updated Tree Report

Carlberg ASSOCIATES

Horticulturists and Registered Consulting ARBORISTS

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.

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TREE INVENTORY REPORT
LA ART PROJECT – LOS ANGELES, CA

SUBMITTED FOR:

LOS ANGELES AERIAL RAPID TRANSIT DRAFT ENVIRONMENTAL IMPACT REPORT

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MAY 11, 2023

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

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Carlberg ASSOCIATES
Horticulturists and Registered Consulting ARBORISTS

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 right-of-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,

Cy Carlberg, Registered Consulting Arborist
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TABLE 1 – SUMMARY OF TREE AND PALM SPECIES AND QUANTITIES

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

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.

TABLE 4 – CHINATOWN / STATE PARK STATION 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	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

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.

TABLE 6 - BROADWAY JUNCTION TREE SUMMARY

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)

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

Common Name	Botanical Name	Quantity	Height at Maturity (feet)	"Protected", "ROW" or "Significant"
sugar gum	*Eucalyptus cladocalyx*	5	90	N/A (Caltrans)
Chilean pepper	*Schinus polygamus*	3	20	N/A (Caltrans)
	TOTALS	**8**		

Total to be Removed – 5 (#131-132, 136-138)
Total 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

TABLE 10 – DODGER STADIUM STATION TREE SUMMARY

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

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

TABLE 11 – TREE INVENTORY

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-	B	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	B	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	A	A	No	Remove	State	
7	western sycamore	*Platanus racemosa*	5.4	20	80	40	6/7/8/8	C	C	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	A	A	ROW	Remove	ROW	staked
ST10	western sycamore	*Platanus racemosa*	5.8	18	80	40	11/11/10/10	A	B	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	B-	A-	No	Remove	State	staked, some bleeding, excessive galls
20	forest pansy redbud	*Cercis canadensis*	2.6	10	30	40	4/10/8/4	B	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	C	B	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	A	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	B	B	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	B	B	No	Remove	State	exposed roots

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
33	Fremont cottonwood	*Populus fremontii*	11.8	31	80	30	13/9/12/14	B	B-	No	Remove	State	exposed roots with decay, fungus present on one area of roots
34	Fremont cottonwood	*Populus fremontii*	10.9	36	80	30	11/8/10/10	B	B	No	Remove	State	exposed roots, top dieback, epicormic growth
35	Fremont cottonwood	*Populus fremontii*	10.5	32	80	30	12/10/12/13	B-	B	No	Remove	State	exposed roots, top dieback, epicormic growth
36	Fremont cottonwood	*Populus fremontii*	11.4	30	80	35	15/9/12/14	B	B	No	Remove	State	exposed roots, top dieback, epicormic growth
37	Fremont cottonwood	*Populus fremontii*	10.2	31	80	35	11/9/8/11	B	B	No	Remove	State	exposed roots, top dieback, epicormic growth
38	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	
39	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.
40	Fremont cottonwood	*Populus fremontii*	10.7	30	80	40	13/10/12/9	B	B	No	Remove	State	exposed roots, top dieback, epicormic growth
41	Fremont cottonwood	*Populus fremontii*	9.2	23	80	40	8/8/7/9	B	B	No	Remove	State	exposed roots, top dieback, epicormic growth
42	Fremont cottonwood	*Populus fremontii*	9.7	28	80	40	10/8/9/9	B	B	No	Remove	State	exposed roots, top dieback, epicormic growth
43	western sycamore	*Platanus racemosa*	11.8	27	80	40	11/13/14/12	A	B+	No	Remove	State	cabled to the ground, tree is fenced

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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	B	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	B	B	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	B	B-	No	Preserve	State	string trimmer damage at base
52	forest pansy redbud	*Cercis canadensis*	2.5	12	30	40	6/6/5/5	B	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+	C	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	A	B	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	B-	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	B	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	B	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-	C	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	B	B	No	Remove	State	string trimmer damage
64	forest pansy redbud	*Cercis canadensis*	2.8	10	30	15	5/6/5/6	B-	C	No	Remove	State	string trimmer damage
65	forest pansy redbud	*Cercis canadensis*	2.7	8	30	15	4/4/3/5	B	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	A	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	B	B	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	B	B	No	Remove	State	staked, slight lean

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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	B	B	No	Remove	State	loose stake still attached
81	forest pansy redbud	*Cercis canadensis*	2.1	10	30	15	6/6/2/4	B	C	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	A	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	A	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 (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
88	blackwood acacia	*Acacia melanoxylon*	4.8, 5.2 (10" cumulative)	15	40	20	Only trunk diameter and tree height were requested for trees 88-120.			Significant	Remove	PP	
89	sugar gum	*Eucalyptus cladocalyx*	17.4	34	150	20				Significant	Remove	PP	
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	PP	
91	sugar gum	*Eucalyptus cladocalyx*	16.1, 3.5 (19.6" cumulative)	30	90	20				Significant	Remove	PP	
92	blackwood acacia	*Acacia melanoxylon*	4, 6 (10" cumulative)	17	40	20				Significant	Remove	PP	
93	blackwood acacia	*Acacia melanoxylon*	4.8, 3.5, 3.5, 4.7 (16.5" cumulative)	17	40	20				Significant	Remove	PP	
94	sugar gum	*Eucalyptus cladocalyx*	8.9	35	90	20				Significant	Remove	PP	
95	California pepper	*Schinus molle*	6.7, 12.4, 13.9 (33" cumulative)	20	50	20				Significant	Remove	PP	
96	Chilean pepper	*Schinus polygamus*	7.5, 4.5, 4.6, 3.4, 4.2, 9 (33.2" cumulative)	12	20	20				Significant	Remove	PP	
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	PP	

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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	PP	
100	California pepper	*Schinus molle*	6.5, 9, 7.3, 16.2 (39" cumulative)	20	50	20				Significant	Remove	PP	
101	California pepper	*Schinus molle*	13.8	17	50	34				Significant	Remove	PP	adjacent to impact area to south, potential overhang
102	sugar gum	*Eucalyptus cladocalyx*	39	62	90	34				Significant	Remove	PP	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	PP	
104	California pepper	*Schinus molle*	15.8	36	50	34				Significant	Remove	PP	
105	California pepper	*Schinus molle*	5.9, 13.4 (19.3" cumulative)	15	50	34				Significant	Remove	PP	
106	California pepper	*Schinus molle*	18	35	50	34				Significant	Remove	PP	
107	California pepper	*Schinus molle*	9.1	14	50	34				Significant	Remove	PP	
108	California pepper	*Schinus molle*	5, 12.6, 8.8 (26.4" cumulative)	23	50	34				Significant	Remove	PP	
109	California pepper	*Schinus molle*	5.2, 12.3, 6.6, 6.7 (30.8" cumulative)	30	50	34				Significant	Remove	PP	

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110	California pepper	*Schinus molle*	9.5	22	50	34				Significant	Remove	PP	
111	California pepper	*Schinus molle*	8.4	13	50	34				Significant	Remove	PP	
112	California pepper	*Schinus molle*	23.6	30	50	34				Significant	Remove	PP	
113	California pepper	*Schinus molle*	10.6	25	50	20				Significant	Remove	PP	
114	California pepper	*Schinus molle*	13.9	18	50	20				Significant	Remove	PP	
115	California pepper	*Schinus molle*	17.3 @ 3.5 ft.	24	50	20				Significant	Remove	PP	
116	California pepper	*Schinus molle*	13	23	50	20				Significant	Remove	PP	
117	California pepper	*Schinus molle*	5.1, 15.5, 16.8 (46.4" cumulative)	32	50	20				Significant	Remove	PP	
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	PP	
120	California pepper	*Schinus molle*	9	18	50	20				Significant	Remove	PP	

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121	Chilean pepper	*Schinus polygamus*	10.8	18	20	117	6/8/10/15	B	B	Significant	Remove	PP	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-	C	Significant	Remove	PP	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	B	B	Significant	Remove	PP	minor dieback
124	Chilean pepper	*Schinus polygamus*	4.2, 4.5 (8.7" cumulative)	14	20	117	8/0/6/5	B	B	Significant	Remove	PP	included bark, one trunk removed
125	Chilean pepper	*Schinus polygamus*	4.2, 5.5 (9.7" cumulative)	12	20	117	6/0/12/8	B	B	Significant	Remove	PP	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	B	B	Significant	Remove	PP	minor dieback
128	Chilean pepper	*Schinus polygamus*	9, 8 (17" cumulative)	16	20	117	5/12/7/11	C	C	Significant	Remove	PP	COD, MPE, moderate dieback
129	Chilean pepper	*Schinus polygamus*	9.5, 11.3 (20.8" cumulative)	16	20	117	9/13/10/12	C	C	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	C	C	Significant	Remove	PP	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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132	sugar gum	*Eucalyptus cladocalyx*	28 @ 2 ft.	55	90	98	7/7/35/30	B	C	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	B+	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	B	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+	B	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	B	B	No	Remove	Caltrans	tree behind fencing, estimated DBHs, MPE
138	sugar gum	*Eucalyptus cladocalyx*	32	50	90	70	22/15/18/24	B	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	B	B	Significant	Remove	PP	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	B	B-	Significant	Remove	PP	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	B	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	B	Significant	Remove	PP	
143	Spanish dagger	*Yucca gloriosa*	4.2, 6.5 (10.7" cumulative)	16	20	32	5/5/5/5	A	B	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	B	Significant	Remove	PP	
145	Spanish dagger	*Yucca gloriosa*	3.2, 9.8, 18.5 (31.5" cumulative)	17	20	32	7/5/8/7	A	B	Significant	Remove	PP	
146	Spanish dagger	*Yucca gloriosa*	17.6, 12.2, 5 (34.8" cumulative)	18	20	32	8/8/8/8	A	B-	Significant	Remove	PP	decay
147	Chilean pepper	*Schinus polygamus*	8, 2 (10" cumulative)	15	20	32	12/16/0/0	A	B-	Significant	Remove	PP	leans northeast, shaded out
148	Spanish dagger	*Yucca gloriosa*	20.4, 2.8 (23.2" cumulative)	18	20	32	6/6/6/6	A	B	Significant	Remove	PP	
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+	C	Protected	Remove	PP	MPE, topped, shaded, embedded in fence
150	Chilean pepper	*Schinus polygamus*	12.8	15	20	32	4/12/16/17	B+	B-	Significant	Remove	PP	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	B	B-	Significant	Remove	PP	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	B	C+	Significant	Remove	PP	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	B	B-	Significant	Remove	PP	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	B	B-	Significant	Remove	PP	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	PP	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-	C	Significant	Remove	PP	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	PP	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	B	B	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-	B	ROW	Remove	ROW	in tree well on sidewalk, MPE, stake attached and damaging tree, tie embedded in trunk

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ST161	Australian willow	*Geijera parviflora*	5.5	20	35	32	10/10/8/9	A-	B	ROW	Remove	ROW	in tree well on sidewalk, MPE
ST162	Australian willow	*Geijera parviflora*	6.1	20	35	32	9/8/7/10	A-	B	ROW	Remove	ROW	in tree well on sidewalk, MPE, HOB
ST163	jacaranda	*Jacaranda mimosifolia*	1	5	50	32	1/1/1/1	B	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	C	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	B	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	C	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	B	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	B	B-	ROW	Remove	ROW	HOB, sparse

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ST170	western sycamore	*Platanus racemosa*	8.7, 10.7 (19.4" cumulative)	32	80	95	14/15/13/15	B+	B	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	B	B	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-	B	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	B	ROW	Remove	ROW	
ST177	pink trumpet tree	*Handroanthus impetiginosus*	5.1	15	30	18	10/8/11/9	A	B	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	A	B	ROW	Remove	ROW	
ST179	pink trumpet tree	*Handroanthus impetiginosus*	4.2	15	30	18	7/4/6/12	B-	B-	ROW	Remove	ROW	mechanical damage, slightly sparse

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ST180	Mexican fan palm	*Washingtonia robusta*	BT 28'	33	100	18	5/5/5/5	A	B	ROW	Remove	ROW	
ST181	pink trumpet tree	*Handroanthus impetiginosus*	4	14	30	18	7/5/9/9	B	B	ROW	Remove	ROW	slightly sparse, mechanical damage
ST182	Mexican fan palm	*Washingtonia robusta*	BT 28'	33	100	18	5/5/5/5	A	B	ROW	Remove	ROW	
183	blackwood acacia	*Acacia melanoxylon*	14.1	22	40	N/A	9/17/16/9	B+	B-	Significant	Remove	PP	leans S, MPE
184	golden wattle	*Acacia pycnantha*	2.9, 2.9 (5.8" cumulative)	8	25	N/A	0/7/12/4	B	C	No	Remove	PP	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-	B	No	Remove	PP	diameters measured low
186	golden wattle	*Acacia pycnantha*	4.1, 2.8 (6.9" cumulative)	15	25	N/A	9/10/7/7	A-	B	No	Remove	PP	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	B	C-	Significant	Remove	PP	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-	C	Significant	Remove	PP	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+	C	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	B	C+	Significant	Remove	PP	COD, trunk leans E

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191	Golden wattle	*Acacia pycnantha*	3.1	15	25	N/A	8/11/12/6	B+	B-	No	Remove	PP	HOB
192	Chilean pepper	*Schinus polygamus*	4, 4.7, 4.1, 2.8 (15.6" cumulative)	15	20	N/A	7/9/7/7	B	B	Significant	Remove	PP	on slope
193	Chilean pepper	*Schinus polygamus*	4, 6, 2 (12" cumulative)	15	20	N/A	6/6/6/6	B	B	Significant	Remove	PP	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	B	B-	Significant	Remove	PP	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	B	B-	No	Remove	PP	on slope, surrounded by shrubs, estimated
196	Chilean pepper	*Schinus polygamus*	4, 8 (12" cumulative)	15	20	N/A	5/4/10/5	B	B-	Significant	Remove	PP	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	B	B-	No	Remove	PP	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+	B	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	B	B-	Significant	Remove	PP	trunk buried
200	Chilean pepper	*Schinus polygamus*	2.5, 4.6. 2.1 (9.2" cumulative)	12	20	N/A	6/8/7/6	B	B-	Significant	Remove	PP	on slope, surrounded by shrubs, estimated
201	Chilean pepper	*Schinus polygamus*	3	12	20	N/A	5/7/7/5	B	B-	No	Remove	PP	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	B	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	B	B	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	B-	B-	Significant	Remove	PP	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	B	B	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	B	B	No	Remove	PP	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	B	B	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	B	B	No	Remove	PP	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	B	B	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	PP	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	PP	erosion at base

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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-	C	Significant	Remove	PP	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	B	B	Significant	Remove	PP	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	PP	trunk buried, HOB
216	golden wattle	*Acacia pycnantha*	9.5	4	25	N/A	0/0/15/0	C	D	Significant	Remove	PP	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	B	B	Significant	Remove	PP	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	B	B	Significant	Remove	PP	on slope behind fence, diameters estimated
220	Chilean pepper	*Schinus polygamus*	11	22	20	N/A	8/10/11/10	A-	B	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+	C	Significant	Remove	PP	shaded out, sparse, trunk failures

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223	Chilean pepper	*Schinus polygamus*	5.5	16	20	N/A	6/12/5/5	B	B	No	Remove	PP	leans E
224	Chilean pepper	*Schinus polygamus*	4.4, 3 (7.4" cumulative)	15	20	N/A	6/11/4/3	A-	B	No	Remove	PP	leans E
225	Chilean pepper	*Schinus polygamus*	7	20	20	N/A	10/10/10/10	A	B	No	Remove	PP	10 SS at 1 inch, growing through fence
226	Chilean pepper	*Schinus polygamus*	2	12	20	N/A	4/6/4/4	B	B	No	Remove	PP	against fence
227	Chilean pepper	*Schinus polygamus*	2.1, 3.2 (5.3" cumulative)	14	20	N/A	4/9/8/5	B-	B	No	Remove	PP	a bit sparse
228	Chilean pepper	*Schinus polygamus*	10.6	19	20	N/A	11/12/13/7	B	B	Significant	Remove	PP	adjacent to fence
229	Chilean pepper	*Schinus polygamus*	6.8	18	20	N/A	12/11/8/5	C	C	No	Remove	PP	sparse, COD
230	Chilean pepper	*Schinus polygamus*	4.7, 5 (9.7 cumulative)	16	20	N/A	9/10/13/10	B	B	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	B	B-	Significant	Remove	PP	leans E, ivy growing into canopy
232	Chilean pepper	*Schinus polygamus*	5.2	15	20	N/A	5/15/6/0	B	B-	No	Remove	PP	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	B	B-	Significant	Remove	PP	leans E, ivy growing into canopy

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234	Chilean pepper	*Schinus polygamus*	2.2, 2.8 (5" cumulative)	15	20	N/A	6/6/9/6	A-	B	No	Remove	PP	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+	B	No	Remove	PP	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	A	B	No	Remove	PP	leans E, ivy growing into canopy
237	Chilean pepper	*Schinus polygamus*	6	16	20	N/A	7/16/5/0	A-	B-	No	Remove	PP	heavy lean E
238	Chilean pepper	*Schinus polygamus*	2, 2.3, 3 (7.3" cumulative)	14	20	N/A	2/6/9/5	A-	B	No	Remove	PP	in group of peppers
239	Chilean pepper	*Schinus polygamus*	12, 13.5 (25.5" cumulative)	18	20	N/A	11/10/9/8	A-	B	Significant	Remove	PP	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-	B	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	PP	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	C	C	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+	B	Significant	Remove	PP	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	B	B	Significant	Remove	PP	in group of peppers

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245	Chilean pepper	*Schinus polygamus*	2.8, 3.2, 3.5 (9.5" cumulative)	16	20	N/A	9/8/8/6	B	B	Significant	Remove	PP	in group of peppers
246	Chilean pepper	*Schinus polygamus*	6.4	12	20	N/A	12/11/4/3	C	C	No	Remove	PP	leans N
247	Chilean pepper	*Schinus polygamus*	5.8	12	20	N/A	8/8/7/7	B	B	No	Remove	PP	diameters measured at 2 feet
248	Chilean pepper	*Schinus polygamus*	7	15	20	N/A	8/11/11/9	B	B	No	Remove	PP	exposed roots
249	Chilean pepper	*Schinus polygamus*	9.8	18	20	N/A	12/14/12/11	B	B	Significant	Remove	PP	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	C	Significant	Remove	PP	in decline
251	flooded gum	*Eucalyptus rudis*	5.8, 9.7, 9.3 (24.8" cumulative)	25	60	N/A	8/19/7/12	C	C-	Significant	Remove	PP	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	C	C	No	Remove	PP	leans W, adjacent to gum tree
253	Chinese elm	*Ulmus parvifolia*	10.5	30	70	N/A	16/15/19/18	A	C	Significant	Remove	PP	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+	B	Significant	Remove	PP	trunk leans W, photos 1820 to 1824 are of circled area to get estimate of trees (0 or 1?)

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255	Chilean pepper	*Schinus polygamus*	5.1, 6.6, 6.9 (18.6" cumulative)	18	20	N/A	15/12/9/13	A	B	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-	B	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	A	B+	ROW	Remove	ROW	dead fronds in canopy
ST258	pink trumpet tree	*Handroanthus impetiginosus*	3.5	16	30	18	8/8/10/11	A-	B	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-	C	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.

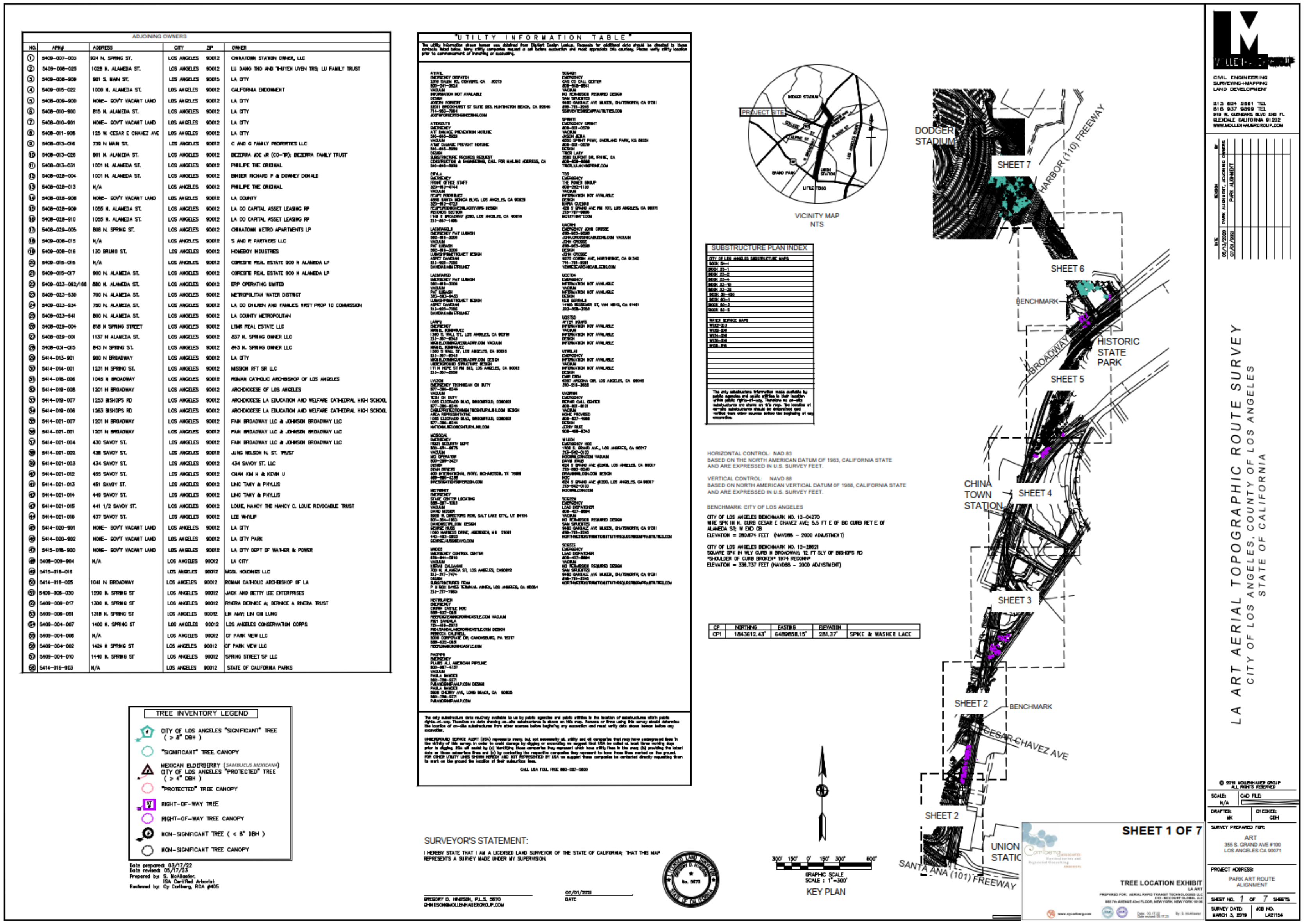
Trees #88-120 at Dodger Stadium, all private property trees, are not of a protected species as set forth in the City of Los Angeles' Tree Protection Ordinance No. 186,873, and therefore health and structure information and canopy spreads were not required to be evaluated or measured.

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

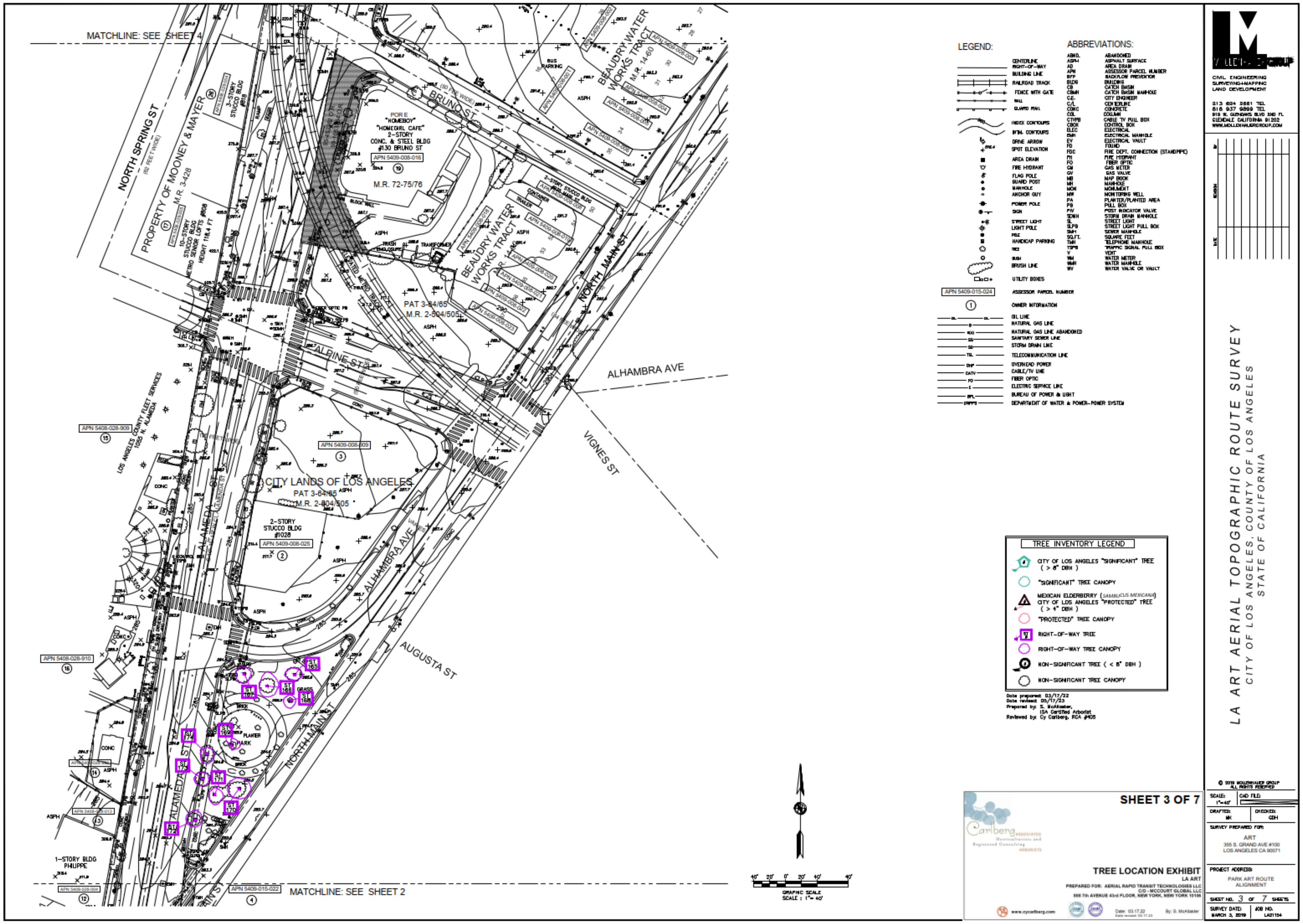
DBH – Diameter at Breast Height – A forestry term used to describe a tree's trunk diameter measured at 4.5 feet above grade. Often used as a representation of tree size.

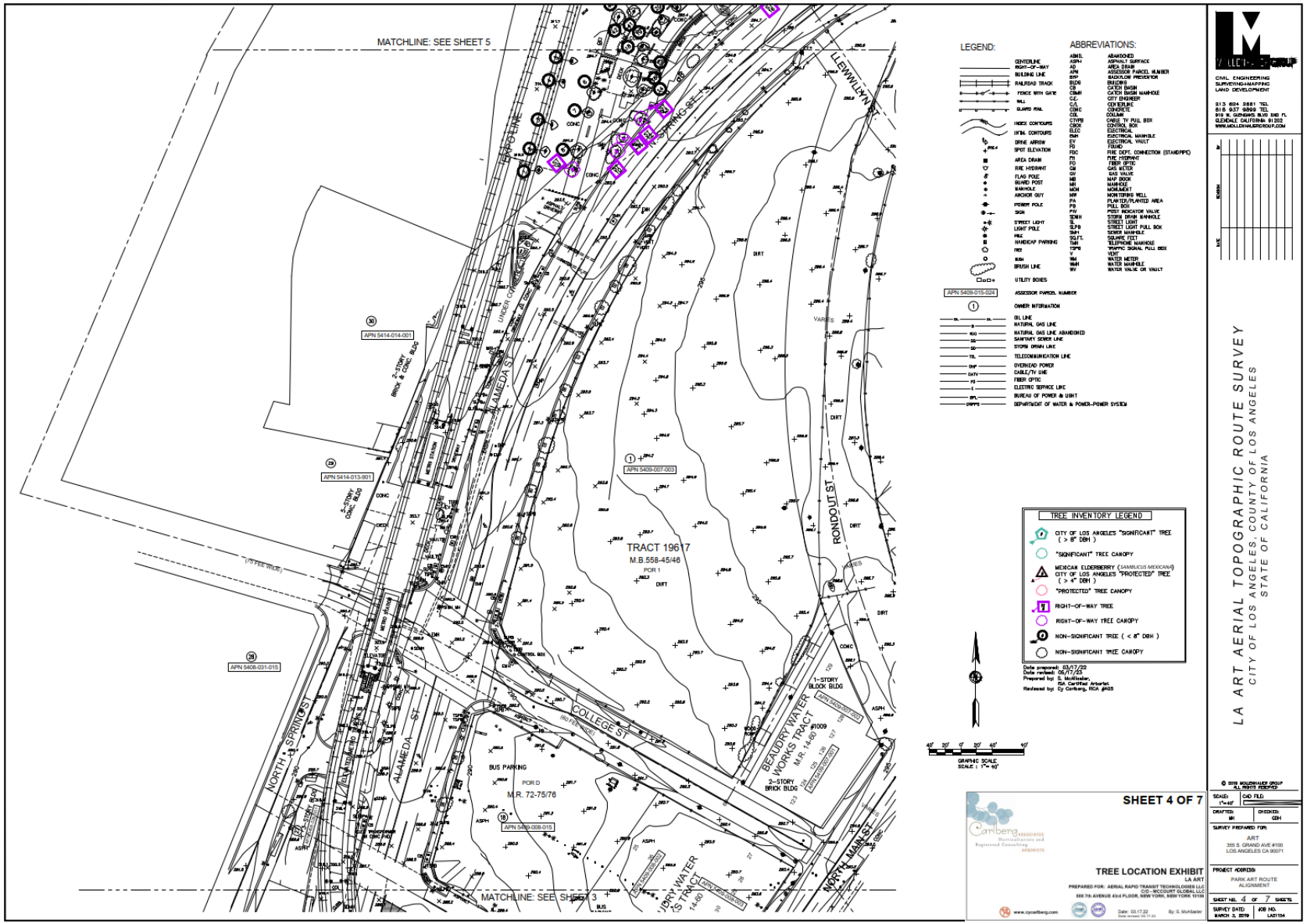
BT – Brown Trunk. Because palms do not typically increase in trunk diameter as they age, they are measured in "Brown Trunk Height," the distance between grade and the newest emerging spear.

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

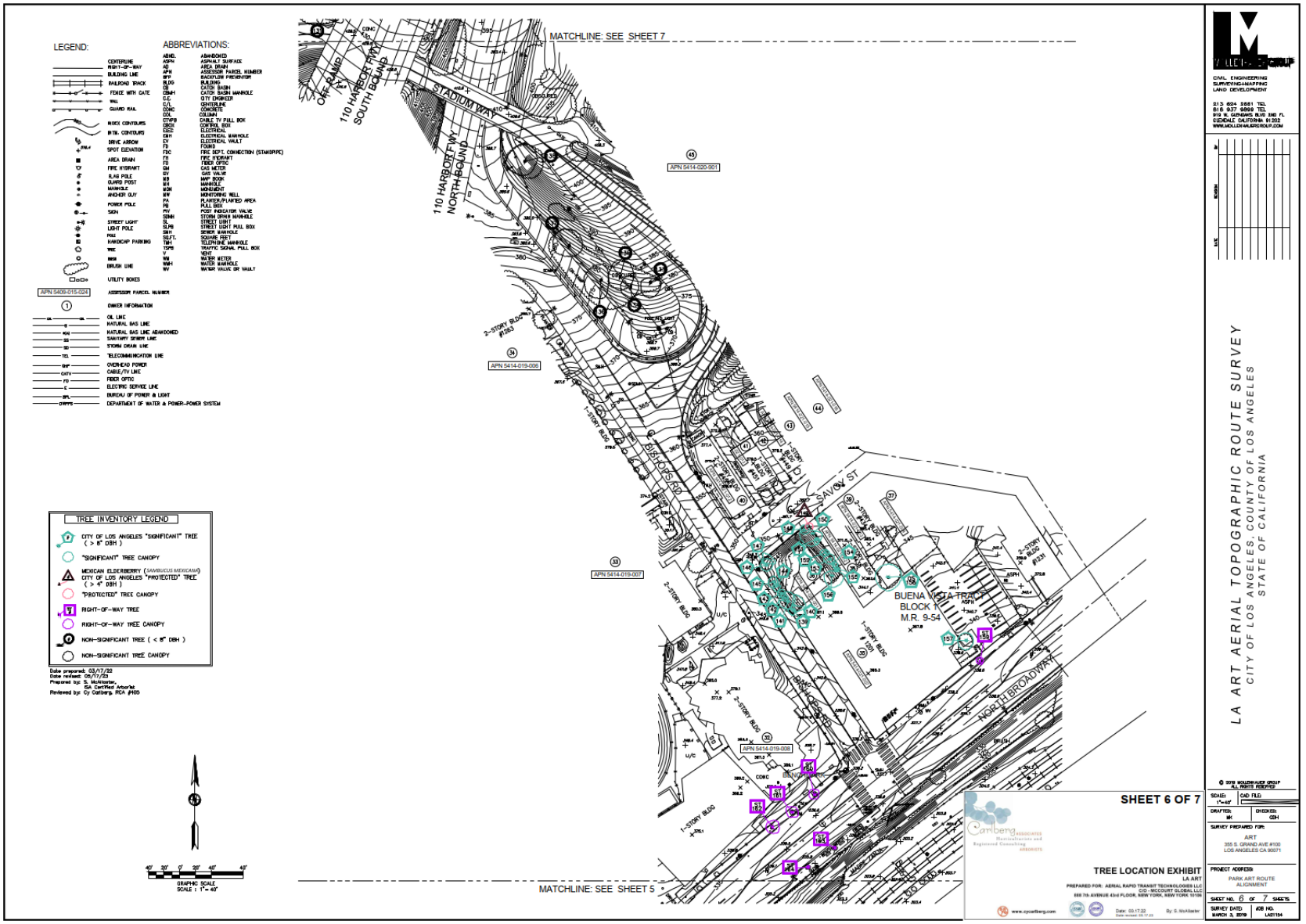

ADJOINING OWNERS
UTILITY INFORMATION TABLE
VICINITY MAP
NTS
PROJECT SITE
SUBSTRUCTURE PLAN INDEX
TREE INVENTORY LEGEND
SURVEYOR'S STATEMENT:
KEY PLAN
DODGER STADIUM
HARBOR (110) FREEWAY
HISTORIC STATE PARK
BROADWAY
CHINA TOWN STATION
CESAR CHAVEZ AVE
UNION STATION
SANTA ANA (101) FREEWAY
BENCHMARK
SHEET 7
SHEET 6
SHEET 5
SHEET 4
SHEET 3
SHEET 2
SHEET 1 OF 7
TREE LOCATION EXHIBIT
LA ART AERIAL TOPOGRAPHIC ROUTE SURVEY
CITY OF LOS ANGELES, COUNTY OF LOS ANGELES
STATE OF CALIFORNIA

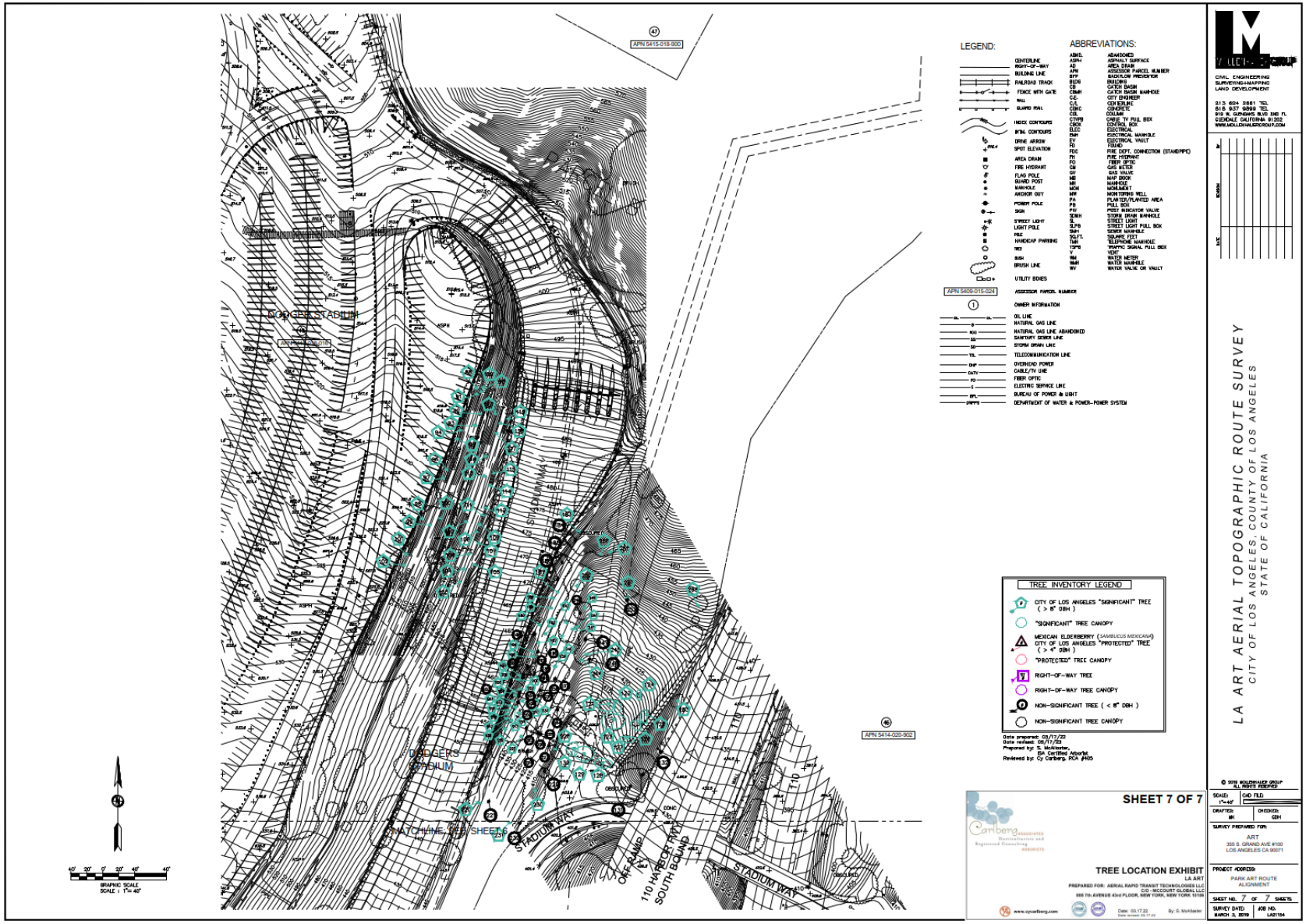

MATCHLINE: SEE BELOW RIGHT
MATCHLINE: SEE SHEET 3
LEGEND:
ABBREVIATIONS:
TREE INVENTORY LEGEND
CITY OF LOS ANGELES "SIGNIFICANT" TREE (> 8" DBH)
"SIGNIFICANT" TREE CANOPY
MEXICAN ELDERBERRY (SAMBUCUS MEXICANA) CITY OF LOS ANGELES "PROTECTED" TREE (> 4" DBH)
"PROTECTED" TREE CANOPY
RIGHT-OF-WAY TREE
RIGHT-OF-WAY TREE CANOPY
NON-SIGNIFICANT TREE (< 8" DBH)
NON-SIGNIFICANT TREE CANOPY
LOS ANGELES PLAZA
UNION STATION
ALAMEDA ST
ARCADIA ST
SANTA ANA (101) FREEWAY
MWD HEADQUARTERS
NORTH MAIN ST
BAUCHET ST
CESAR CHAVEZ AVE
OLIVERA ST
GAS STATION CHEVRON
UNION STATION APARTMENTS
CP 1 - SPIKE & WASHER LACE
N 1843612.45
E 6489858.14
EL 281.47
BENCHMARK
LA ART AERIAL TOPOGRAPHIC ROUTE SURVEY
CITY OF LOS ANGELES, COUNTY OF LOS ANGELES
STATE OF CALIFORNIA
SHEET 2 OF 7
TREE LOCATION EXHIBIT
LA ART
PARK ART ROUTE ALIGNMENT


MATCHLINE: SEE SHEET 4
MATCHLINE: SEE SHEET 2
NORTH SPRING ST
BRUNO ST
ALPINE ST
ALHAMBRA AVE
VIGNES ST
AUGUSTA ST
NORTH MAIN ST
ALAMEDA ST
CITY LANDS OF LOS ANGELES
LEGEND:
ABBREVIATIONS:
TREE INVENTORY LEGEND
CITY OF LOS ANGELES "SIGNIFICANT" TREE (> 8" DBH)
"SIGNIFICANT" TREE CANOPY
MEXICAN ELDERBERRY (SAMBUCUS MEXICANA) CITY OF LOS ANGELES "PROTECTED" TREE (> 4" DBH)
"PROTECTED" TREE CANOPY
RIGHT-OF-WAY TREE
RIGHT-OF-WAY TREE CANOPY
NON-SIGNIFICANT TREE (< 8" DBH)
NON-SIGNIFICANT TREE CANOPY
SHEET 3 OF 7
TREE LOCATION EXHIBIT
LA ART
LA ART AERIAL TOPOGRAPHIC ROUTE SURVEY
CITY OF LOS ANGELES, COUNTY OF LOS ANGELES
STATE OF CALIFORNIA


MATCHLINE: SEE SHEET 5
MATCHLINE: SEE SHEET 3
TRACT 19617
M.B.558-45/46
M.R. 72-75/76
BEAUDRY WATER WORKS TRACT
M.R. 14-60
NORTH SPRING ST
ALAMEDA ST
COLLEGE ST
RONDOUT ST
LLEWWILLYN ST
NORTH MAIN ST
BUS PARKING
2-STORY BRICK BLDG
1-STORY BLOCK BLDG
LEGEND:
ABBREVIATIONS:
TREE INVENTORY LEGEND
CITY OF LOS ANGELES "SIGNIFICANT" TREE (> 8" DBH)
"SIGNIFICANT" TREE CANOPY
MEXICAN ELDERBERRY (SAMBUCUS MEXICANA)
CITY OF LOS ANGELES "PROTECTED" TREE (> 4" DBH)
"PROTECTED" TREE CANOPY
RIGHT-OF-WAY TREE
RIGHT-OF-WAY TREE CANOPY
NON-SIGNIFICANT TREE (< 8" DBH)
NON-SIGNIFICANT TREE CANOPY
GRAPHIC SCALE
SHEET 4 OF 7
TREE LOCATION EXHIBIT
LA ART
LA ART AERIAL TOPOGRAPHIC ROUTE SURVEY
CITY OF LOS ANGELES, COUNTY OF LOS ANGELES
STATE OF CALIFORNIA


LEGEND:
ABBREVIATIONS:
TREE INVENTORY LEGEND
MATCHLINE SEE SHEET 6
MATCHLINE: SEE SHEET 4
NORTH BROADWAY
LOS ANGELES HISTORIC STATE PARK
EXPO LINE
ALAMEDA ST
BOUNDOUT ST
APN 5414-018-026
APN 5414-018-025
APN 5414-016-903
APN 5409-006-030
GRAPHIC SCALE
SCALE 1" = 40'
SHEET 5 OF 7
TREE LOCATION EXHIBIT
LA ART
PREPARED FOR: AERIAL RAPID TRANSIT TECHNOLOGIES LLC
C/S - MCCOURT GLOBAL LLC
LA ART AERIAL TOPOGRAPHIC ROUTE SURVEY
CITY OF LOS ANGELES, COUNTY OF LOS ANGELES
STATE OF CALIFORNIA
PROJECT ADDRESS:
PARK ART ROUTE
ALIGNMENT
SURVEY DATE:
MARCH 3, 2019


LEGEND:
ABBREVIATIONS:
TREE INVENTORY LEGEND
MATCHLINE: SEE SHEET 7
MATCHLINE: SEE SHEET 5
110 HARBOR FWY SOUTH BOUND OFF-RAMP
110 HARBOR FWY NORTH BOUND
STADIUM WAY
BUENA VISTA TRACT BLOCK 1 M.R. 9-54
SAVOY ST
BISHOPS RD
NORTH BROADWAY
APN 5414-020-901
APN 5414-019-006
APN 5414-019-007
APN 5414-019-008
GRAPHIC SCALE
SCALE : 1" = 40'
LA ART AERIAL TOPOGRAPHIC ROUTE SURVEY
CITY OF LOS ANGELES, COUNTY OF LOS ANGELES
STATE OF CALIFORNIA
SHEET 6 OF 7
TREE LOCATION EXHIBIT
LA ART
PREPARED FOR: AERIAL RAPID TRANSIT TECHNOLOGIES LLC
CID - MCCOURT GLOBAL LLC
505 7th AVENUE 43rd FLOOR, NEW YORK, NEW YORK 10018
PROJECT ADDRESS
PARK ART ROUTE ALIGNMENT
SURVEY DATED: MARCH 3, 2019
JOB NO. LA01154


LEGEND:
ABBREVIATIONS:
TREE INVENTORY LEGEND
CITY OF LOS ANGELES "SIGNIFICANT" TREE (> 8" DBH)
"SIGNIFICANT" TREE CANOPY
MEXICAN ELDERBERRY (SAMBUCUS MEXICANA) CITY OF LOS ANGELES "PROTECTED" TREE (> 4" DBH)
"PROTECTED" TREE CANOPY
RIGHT-OF-WAY TREE
RIGHT-OF-WAY TREE CANOPY
NON-SIGNIFICANT TREE (< 8" DBH)
NON-SIGNIFICANT TREE CANOPY
DODGER STADIUM
STADIUM WAY
110 HARBOR FWY SOUTH BOUND
OFF RAMP
SHEET 7 OF 7
TREE LOCATION EXHIBIT
LA ART
LA ART AERIAL TOPOGRAPHIC ROUTE SURVEY
CITY OF LOS ANGELES, COUNTY OF LOS ANGELES
STATE OF CALIFORNIA

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:

Health

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

Carlberg ASSOCIATES

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 (https://selectree.calpoly.edu/tree-detail/992), 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,

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.

Photo credit upper left and bottom: LA ART (April 2023)
Photo credit upper right: Google Street View (2023)