Carlberg ASSOCIATES

Horticulturists and
Registered Consulting
ARBORISTS

March 17, 2025

David Simpson
Central Facilities Services
The Claremont Colleges Services
101 South Mills Avenue
Claremont, California 91711

Re: TCCS Solar Carports Project – Tree Study - 101 S. Mills Avenue, Claremont, CA

Dear Mr. Simpson,

This letter is submitted at your request for arboricultural consulting services for The Claremont Colleges Services (TCCS) solar carports project proposed in the eastern and southern parking lots at 101 S. Mills Avenue in Claremont. TCCS retained Carlberg Associates (Carlberg) review the solar car ports plans, make a site visit to look at the trees in the area of direct impacts, and provide findings, opinions, and recommendations for possible replacement tree planting sites around the TCCS properties, including the old Claremont School of Theology campus (TCCS North Campus).

Using the Solar Carports - 100% Drawings plans (dated 02.14.25) and Carlberg's 2021 TCCS Tree Inventory & Maintenance Plan maps and data, I conducted a brief site visit to reassess the subject trees' health, structure, and planting densities in the proposed solar project area. I took new trunk measurements of the trees most likely to be removed in the east and south parking lots. I walked the rest of the site to determine the presence or absence of trees previously assessed for the 2021 Tree Inventory & Maintenance Plan. No tree-related health or structure data was recorded for the trees outside of the direct impact area, but I did make note if their health or structure had changed significantly since our 2021 assessments.

Findings and Opinions:

- The majority of the trees in the direct impact areas are in good to very good condition for their age class.
- The spacing of the trees roughly 20-feet apart is a bit close for coast live oaks, but it does not reach the threshold where I would recommend any removals due to overcrowding.
- There will be 32 tree removals due to array placement – these include
    - direct removals due to panel placement
    - they are too close to the panels and will need severe canopy pruning, and/or
    - they will significantly shade the panels when they reach maturity

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- There are 24 trees adjacent to the work areas that should be protected during construction to ensure that their root zones and canopies are not significantly impacted by trenching for the new conduit lines or by construction-related equipment.
- There are 115 tree sites that are outside of the direct or immediately adjacent work areas
    - 3 of these sites are now empty

Table 1, on the following pages, provides a summary of the trees included in the study area. Exhibit A, after the table, illustrates the project area in TreeWorks®.

Recommendations:

- Tree #S104, outside of the impact area, is recommended for removal and replacement regardless of the project due to a significant decline in health.
- Of the 32 removal trees, Trees #20 and #40 are recommended for removal and replacement regardless of the project due to structural defects.

If replacement trees are required, I identified 48 potential planting sites across the TCCS-controlled properties. They include 7 in the landscape areas around the administration building, 13 near the Tarquada Student Services building, and 28 around the southern and western CST/North Campus areas. Photographs of those potential planting sites are attached (taken from our TreeWorks® aerial maps of the TCCS areas). A link to the TreeWorks® .KMZ file will be provided via email. You may use that link to see the points in Google Earth Pro.

Thank you for the opportunity to assist with this project. Please don't hesitate to contact me with any questions.

Sincerely,

Christine Cuba

Christy Cuba
Senior Arborist
ISA Certified Arborist, WE 1982-A
ISA Tree Risk Qualified
ASCA Registered Consulting Arborist® #502

TABLE 1 – SUMMARY OF SOLAR CARPORTS PROJECT TREE STUDY TREES

Tree No.	Common Name	Dec. 2021 Trunk Diameter	Dec. 2021 Health Grade	Dec. 2021 Structure Grade	Tree Directly in Solar Carport Panels or New	Tree Adjacent to Carport or New Conduit Project Area	Updated Diameter	Significant change in H/S since Dec. 2021?	Remove due to Array Placement	Adjacent to Array or New Conduit Trench	Preserve - Out of Impact Area	Recommend Removal and Replacement Regardless of Project	Comments
1	coast live oak	11.7	A	A		X	n/a	n/a			X		tree is present
2	coast live oak	14.1	A	A		X	n/a	n/a			X		tree is present
3	coast live oak	6.3	A	A		X	n/a	n/a			X		tree is present
4	jacaranda	15.3, 2.3, 5.4, 7.2, 8.7	A-	B		X	n/a	n/a			X		tree is present
5	sugar gum	~24	A-	B		X	n/a	n/a			X		tree is present
6	valley oak	5.3	B+	B-		X	n/a	n/a			X		tree is present
7	valley oak	3.4	B	B-		X	n/a	n/a			X		tree is present
8	valley oak	5.7	A-	B+		X	n/a	n/a			X		tree is present
9	valley oak	3.5	C-	C-		X	n/a	n/a			X		tree is present
10	coast live oak	6.3	A-	B+		X	n/a	n/a			X		tree is present

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11	valley oak	4.1	B-	B-		X	n/a	n/a			X		tree is present
12	valley oak	6.4	B-	B-		X	n/a	n/a			X		tree is present
13	valley oak	5.8	B	B		X	n/a	n/a			X		tree is present
14	valley oak	7.4	A	A-		X	n/a	n/a			X		tree is present
15	valley oak	7.8	A	A-		X	n/a	n/a			X		tree is present
16	valley oak	6.8	A-	A-		X	n/a	n/a			X		tree is present
17	valley oak	8.4	A	A		X	n/a	n/a			X		tree is present
18	valley oak	9.2	A	A		X	n/a	n/a			X		tree is present
19	tipu tree	18.2	A	B+		X	n/a	n/a			X		tree is present
20	coast live oak	4.7	B-	C-		X	5	no	X			X	South of array impact but will significantly shade them when mature; was and still is recommended for removal & replacement due to structural issues regardless of project

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21	coast live oak	8.8	A-	A-	X		10.7	no	X				South of array impact but will need significant pruning and will significantly shade them when mature
22	coast live oak	7.4	A	A	X		8.4	no	X				South of array impact but will need significant pruning and will significantly shade them when mature; may sustain root impacts
23	coast live oak	6.3	A	A-	X		7.4	no	X				
24	coast live oak	6.2	A-	A-	X		7.6	no	X				
25	coast live oak	7.7	A	B+	X		9.7	no	X				
26	coast live oak	8.4	A	A-	X		10.3	no	X				North of array but will need severe canopy pruning and will sustain significant root impacts
27	coast live oak	7.5	A	B-	X		9.5	no	X				North of array but will need severe canopy pruning and will sustain significant root impacts
28	coast live oak	8.2	A	A-	X		10	no	X				
29	coast live oak	7.3	A	A-	X		7.8	no	X				
30	coast live oak	9	A	A-	X		10.5	no	X				
31	coast live oak	7.3	A	A-	X		9	no	X				
32	gold medallion tree	3.7	B	B	X		4	yes	X				downgraded, not very much growth
33	coast live oak	6.8	A-	A-	X		8	no	X				
34	coast live oak	6.8	A	A	X		8.1	no	X				

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35	coast live oak	5.1	A-	A-	X		5.7	no	X				
36	coast live oak	5.4	A	A-	X		8	no	X				Trunk is south of direct array impact but will need severe canopy pruning and will significantly shade them when mature
37	coast live oak	5.7	A	A-	X		8.3	no	X				Trunk is south of direct array impact but will significantly shade them when mature
38	coast live oak	6.6	A-	A-	X		7.8	no	X				
39	coast live oak	7.8	A-	A	X		10.2	no	X				
40	coast live oak	6.2	B	C	X		7	yes	X			X	downgrade to fair, canker at base of trunk; lack of root flare N side; rib in trunk indicated internal defect; recommend removal & replacement regardless of project
41	coast live oak	6.1	A-	A-	X		8.1	no	X				
42	coast live oak	3.9	A-	A-	X		4.8	no	X				still staked; mechanical damage at base w/ good callous
43	coast live oak	6.6	A-	A-	X		7.2	no	X				
44	coast live oak	7.5	A	A-	X		9	no	X				
45	coast live oak	6.1	A-	A-	X		8.1	no	X				
46	tipu tree	13.4	A	A	X		14.5	no	X				
47	coast live oak	6.7	A	A-	X		8.3	no	X				
48	coast live oak	9	A	A-	X		11.2	no	X				Trunk is north of array but will need severe canopy pruning

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49	coast live oak	8.4	A	A-	X		10.2	no	X				
50	tipu tree	13.6	A	B	X		14.8	no		X			Likely ok to keep
51	gold medallion tree	2.7	C	C	X		3.1	no		X			Likely ok to keep
52	coast live oak	10.4	A	A-		X	11.8	no			X		tree is present
53	Kurrajong	7.3	B+	B+		X	n/a	n/a			X		tree is present
54	Kurrajong	4.7	B	B		X	n/a	n/a			X		tree is present
55	Kurrajong	9.1	B+	B+		X	n/a	n/a			X		tree is present
56	Kurrajong	9.9	A-	A-		X	n/a	n/a			X		tree is present
57	Kurrajong	10.1	A-	B+		X	n/a	n/a			X		tree is present
58	gold medallion tree	5.2	A	B		X	n/a	n/a			X		tree is present
59	Kurrajong	4	B+	B+		X	n/a	n/a			X		tree is present
60	sawleaf zelkova	10.3	B	A		X	n/a	n/a			X		tree is present
61	Kurrajong	1.8, 2.2	B	B		X	n/a	n/a			X		tree is present
62	Kurrajong	8.7	A-	B+		X	n/a	n/a			X		tree is present
63	sawleaf zelkova	13.5	B	A-		X	n/a	n/a			X		tree is present

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64	sawleaf zelkova	8	A-	B		X	n/a	n/a			X		tree is present
65	sawleaf zelkova	10.3	B	A		X	n/a	n/a			X		tree is present
66	Kurrajong	11	B+	B		X	n/a	n/a			X		tree is present
67	Kurrajong	8.9	A-	A-		X	n/a	n/a			X		tree is present
68	California fan palm	25BT	A	A		X	n/a	n/a			X		tree is present
69	sawleaf zelkova	14.2	B+	A		X	n/a	n/a			X		tree is present
70	sawleaf zelkova	9.9	A	A		X	n/a	n/a			X		tree is present
71	Kurrajong	5.8	A-	A-		X	n/a	n/a			X		tree is present
72	Kurrajong	5.7	A-	A-		X	n/a	n/a			X		tree is present
73	Kurrajong	6.1	A-	B		X	n/a	n/a			X		tree is present
74	sawleaf zelkova	9.4	B+	A-		X	n/a	n/a			X		tree is present
75	Kurrajong	5	B	B		X	n/a	n/a			X		tree is present
76	Kurrajong	4.1	B+	B-		X	n/a	n/a			X		tree is present
77	sawleaf zelkova	14.2	B-	A		X	n/a	n/a			X		tree is present
78	pink melaleuca	4.7, 5.7	A	B		X	n/a	no		X			Adjacent to trench for new conduit

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79	Kurrajong	7.2	A-	B+		X	n/a	no		X			Adjacent to trench for new conduit
80	gold medallion tree	3.4	B+	B		X	n/a	no		X			Adjacent to trench for new conduit
81	sawleaf zelkova	11.7	A-	B+	X		12.6	no		X			Adjacent to trench for new conduit
82	tipu tree	19	A	A	X		21	no		X			Adjacent to trench for new conduit
83	coral gum	5.8	B	B	X		gone	yes			X		tree is not present
84	red flowering gum	16.6	A-	B		X	n/a	no		X			Adjacent to trench for new conduit
85	coast live oak	8.3	A	A-		X	n/a	n/a			X		tree is present
86	coast live oak	7.8	B	B		X	n/a	n/a			X		tree is present
87	coast live oak	1.3	A	A		X	n/a	n/a			X		tree is present
88	coast live oak	10.9	A	A-		X	n/a	n/a			X		tree is present
89	coast live oak	4.8	B+	B		X	n/a	n/a			X		tree is present
90	coast live oak	10.1	A-	A-		X	n/a	n/a			X		tree is present
91	coast live oak	9.2	A-	B		X	n/a	n/a			X		tree is present
92	coast live oak	9.7	B+	B		X	n/a	n/a			X		tree is present
93	coast live oak	9.2	A-	A-		X	n/a	n/a			X		tree is present

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94	tipu tree	18.2	A	B		X	n/a	n/a			X		tree is present
95	red flowering gum	4.8	D	D		X	n/a	n/a			X		tree is present
S96	coast live oak	12.3	A	A		X	n/a	n/a			X		tree is present
S97	coast live oak	9.9	A-	B+		X	n/a	n/a			X		tree is present
S98	coast live oak	8, 8.8, 11	A-	A-		X	n/a	n/a			X		tree is present
S99	coast live oak	20.9	A	A-		X	n/a	n/a			X		tree is present
100	sawleaf zelkova	11.9	A-	A-		X	n/a	no		X			Adjacent to trench for new conduit
101	red flowering gum	13.5	B	B		X	n/a	n/a			X		tree is present
102	red flowering gum	11.1	A-	B+		X	n/a	n/a			X		tree is present
103	red flowering gum	7.4, 8.1	B	B		X	n/a	n/a			X		tree is present
S104	coast live oak	7.1	C-	C		X	n/a	n/a			X		Recommend removal and replacement regardless of project
105	coast live oak	6.9	A	A-		X	n/a	n/a			X		tree is present
S106	coast live oak	23.9	A	A		X	n/a	n/a			X		tree is present
107	coast live oak	7.1	A-	A		X	n/a	n/a			X		tree is present
108	coast live oak	9.7	B	B+		X	n/a	n/a			X		tree is present

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109	coast live oak	7.7	A-	A-		X	n/a	n/a			X		tree is present
110	coast live oak	6.5	B+	A-		X	n/a	n/a			X		tree is present
111	coast live oak	12.1	A-	A-		X	n/a	n/a			X		tree is present
112	coast live oak	10	A	A-		X	n/a	n/a			X		tree is present
S113	coast live oak	14	A	B-		X	n/a	n/a			X		tree is present
114	coast live oak	11.7	A	A		X	n/a	n/a			X		tree is present
S115	coast live oak	22.4	A	A		X	n/a	n/a			X		tree is present
116	coast live oak	6.6	A-	B		X	n/a	n/a			X		tree is present
117	coast live oak	7.5	A-	A-		X	n/a	n/a			X		tree is present
118	coast live oak	11.6	A-	B		X	n/a	n/a			X		tree is present
119	coast live oak	16	A	B		X	n/a	n/a			X		tree is present
S120	coast live oak	9.3	B+	B+		X	n/a	n/a			X		tree is present
121	red flowering gum	14.3	A	A-		X	n/a	n/a			X		tree is present
S122	coast live oak	9.5	B	B+		X	n/a	n/a			X		tree is present
123	red flowering gum	17.8	A	A		X	n/a	n/a			X		tree is present

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S124	coast live oak	17.9	A	B		X	n/a	n/a			X		tree is present
125	red flowering gum	25.9	A	B		X	n/a	n/a			X		tree is present
126	coast live oak	10.5	B	B+		X	n/a	n/a			X		tree is present
127	coast live oak	9.9, 12.8	B +	B		X	n/a	n/a			X		tree is present
S128	coast live oak	22.7	A-	B+		X	n/a	n/a			X		tree is present
129	coast live oak	8.2	A	A-		X	n/a	n/a			X		tree is present
S130	coast live oak	25.4	A-	A-		X	n/a	n/a			X		tree is present
131	coast live oak	8.8	A-	A-		X	n/a	n/a			X		tree is present
132	coast live oak	12.7	A	A-		X	n/a	n/a			X		tree is present
133	coast live oak	19.9	B	B+		X	n/a	n/a			X		tree is present
134	coast live oak	5.5	A-	A-	X		n/a	no		X			Adjacent to trench for new conduit
135	eastern redbud	3, 1.6, 2.6, 1.7, 2.2, 2.6, 4.2, 3.5, 4.4	B	B+	X		n/a	n/a			X		tree is present
136	eastern redbud	3.4, 2.9, 2.1, 1.6, 2.8, 2.1,	B	B		X	n/a	n/a			X		tree is present

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		3.5, 3											
137	coast live oak	6.7	A-	A-	X		n/a	no		X			Adjacent to trench for new conduit
138	coast live oak	8.4	A-	A	X		n/a	no		X			Adjacent to trench for new conduit
139	eastern redbud	3.8, 3.3, 1.5, 1.5, 2.6, 2.7, 2.7, 3	B+	B+		X	n/a	n/a			X		tree is present
140	eastern redbud	1.3, 1.4, 2.3, 1.1, 1.3, 1.6, 1.5	B+	B+		X	n/a	n/a			X		tree is present
141	coast live oak	6.7	B	B+		X	n/a	n/a			X		tree is present
142	coast live oak	5.2	A-	B		X	n/a	yes			X		tree is not present
143	coast live oak	6	B	B+		X	n/a	n/a			X		tree is present
144	coast live oak	4.2	A-	B+		X	n/a	yes			X		tree is not present
145	Mexican Palo Verde	3.7, 1, 6.9, 3.6, 2.1	A	A		X	n/a	n/a			X		tree is present
146	sawleaf zelkova	9.9	A-	B+		X	n/a	no		X			Adjacent to trench for new conduit
147	Mexican Palo Verde	8.5, 4.9, 5.5	A	B+		X	n/a	n/a			X		tree is present
148	sawleaf zelkova	9.9	A-	B+		X	n/a	n/a			X		tree is present

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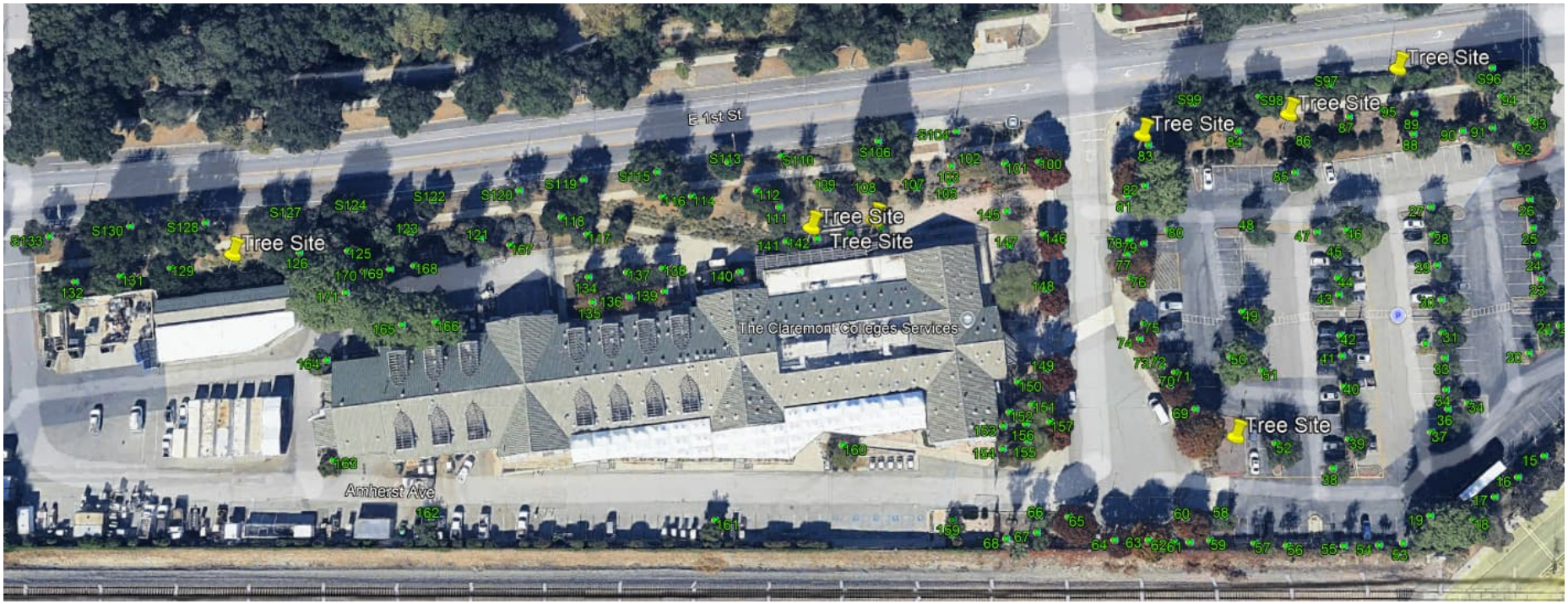
149	sawleaf zelkova	10.9	A	A-		X	n/a	n/a			X		tree is present
150	paperbark	12	B-	B-		X	n/a	n/a			X		tree is present
151	Mexican Palo Verde	5, 7.2	A-	B		X	n/a	n/a			X		tree is present
152	paperbark	13.8	B-	B-		X	n/a	n/a			X		tree is present
153	paperbark	10.5, 9.5	A-	B-		X	n/a	n/a			X		tree is present
154	paperbark	11, 11	A	B		X	n/a	n/a			X		tree is present
155	Mexican Palo Verde	2.8, 2.8, 4.4	A-	B+		X	n/a	n/a			X		tree is present
156	Mexican Palo Verde	2.7, 3.3, 4.6, 2.2	A-	B+		X	n/a	n/a			X		tree is present
157	sawleaf zelkova	9	B	B		X	n/a	n/a			X		tree is present
158	Mediterranean fan palm	BT5, BT5, BT5, BT7	B	A		X	n/a	no		X			Adjacent and east of new array panels
159	Mediterranean fan palm	6BT, 5BT	A	A		X	n/a	no		X			Adjacent and east of new array panels
160	Mexican bird of paradise	3.8, 3.8, 3.7, 2, 2.7, 2.7, 2.8, 2.6	A	A		X	n/a	no			X		tree is present
161	gold medallion tree	7	A-	B+	X		8	no	X				

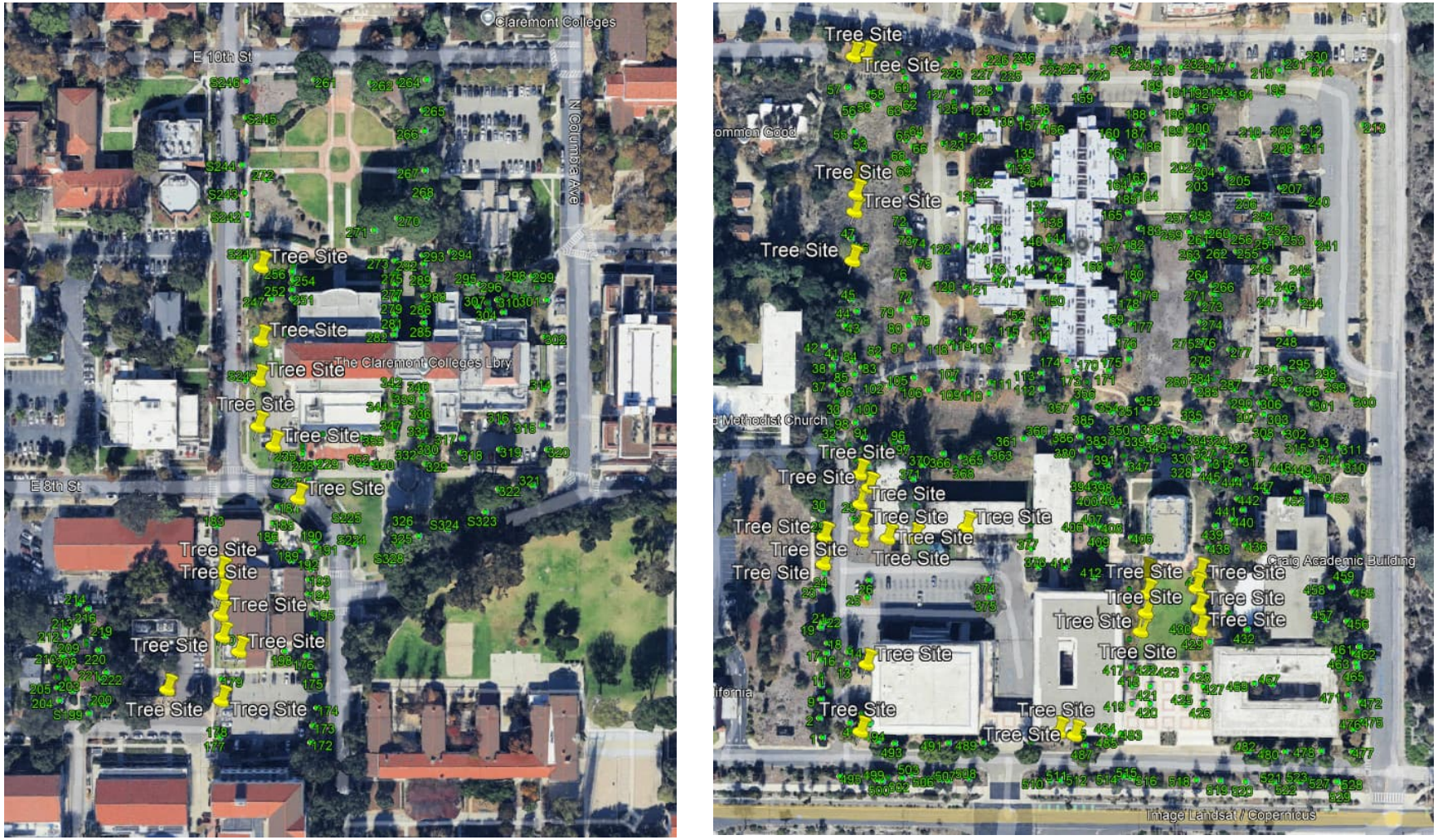
TABLE 1 – SUMMARY OF SOLAR CARPORTS PROJECT TREE STUDY TREES

Tree No.	Common Name	Dec. 2021 Trunk Diameter	Dec. 2021 Health Grade	Dec. 2021 Structure Grade	Tree Directly in Solar Carport Panels or New	Tree Adjacent to Carport or New Conduit Project Area	Updated Diameter	Significant change in H/S since Dec. 2021?	Remove due to Array Placement	Adjacent to Array or New Conduit Trench	Preserve - Out of Impact Area	Recommend Removal and Replacement Regardless of Project	Comments
162	gold medallion tree	4.5	A-	B	X		5.8	no	X				
163	gold medallion tree	5.6	A-	B+	X		n/a	no		X			Adjacent to new trench for conduit
164	gold medallion tree	6.7	B+	B+	X		n/a	no		X			Adjacent to new trench for conduit
165	tipu tree	15.1	A	B+	X		n/a	no		X			Adjacent to new trench for conduit
166	tipu tree	17.9	A	A-	X		n/a	no		X			Adjacent to new trench for conduit
167	Kurrajong	6.2	A	A-	X		n/a	no		X			Adjacent to new trench for conduit
168	Kurrajong	10.4	A	A	X		n/a	no		X			Adjacent to new trench for conduit
169	Kurrajong	6.6	B	B	X		n/a	no		X			Adjacent to new trench for conduit
170	Kurrajong	7.5	A-	A-	X		n/a	no		X			Adjacent to new trench for conduit
171	tipu tree	19.5	A	B	X		n/a	no		X			Adjacent to new trench for conduit

Exhibit A - TreeWorks® Aerial with Tree Study Points for the Solar Carports Project Area – TCSC – 101 S. Mills Avenue, Claremont
Carlberg Associates



TreeWorks® Aerial with Potential Tree Replacement Planting Space Points for the Solar Carports Project Area Near the TCCS Administration Office
Carlberg Associates



TreeWorks® Aerial with Potential Tree Replacement Planting Space Points for the Solar Carports Project Area Near the Tarquada Student Center on left and on portions of the CTS/North Campus
Carlberg Associates

ARBORIST DISCLAIMER

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.

No risk assessments were requested or performed for this project.

Health and structure information presented in this report represents the condition of the tree(s) at the time and date of assessment.

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Education
B.A., Environmental Analysis & Design, Cum Laude, University of California, Irvine, 1993
Graduate, International Society of Arboriculture Certification Study Program, April 1998
Graduate, Consulting Academy, American Society of Consulting Arborists, February 2008

Experience
Senior Arborist/Associate, Carlberg Associates, 2011 - Present
Director of Environmental Services & Senior Arborist, Land Design Consultants, Pasadena, 1994 – 2011
Park Specialist/Naturalist, City of Monrovia, 1988-1996

Certificates
Certified Arborist, WE-1982A, International Society of Arboriculture, 1998
Registered Consulting Arborist, #502, American Society of Consulting Arborists, 2011
Qualified Tree Risk Assessor, International Society of Arboriculture, 2013

AREAS OF EXPERTISE

Ms. Cuba is experienced in the following areas of tree management and preservation:

- Tree health & risk assessments
- Inventories & reports for native and non-native trees
- Evaluation of trees for preservation, encroachment, relocation, restoration, and hazards
- Value assessments (appraisals) for native and non-native trees
- Post-fire inventories, assessments, and valuations for native and non-native trees
- Guidelines for tree preservation, planting, pruning and maintenance specifications
- Pest and disease identification
- Planning Commission, City Council, and community meetings representation
- Review of landscape plans for mitigation compliance & fire fuel modification planning
- Preparation of native habitat and woodland management plans
- Performance of long-term mitigation compliance monitoring & reporting
- Expert consultation and testimony

PREVIOUS CONSULTING EXPERIENCE

Ms. Cuba has performed hundreds of tree inventories, health evaluations, impact analyses, hazard, and value assessments for counties, cities, sanitation districts, and water districts, as well as private developers, architects, engineers, and homeowners. She has over 30 years of experience in the study of trees and arboricultural consulting, and is trained in environmental planning, state and federal regulatory permitting, preparation of CEQA analyses, and habitat mitigation planning and implementation. Representative clients include:

City of Pasadena
City of Monrovia
City of Santa Clarita
City of Glendora
Los Angeles County Fire Department
California Institute of Technology
Mia Lehrer + Associates
Pulte/Centex Homes
Newhall Land and Farming
KOVAC Design Studio
EPT Design
Pamela Burton & Company
Chandler School
San Diego Gas & Electric
Quinn, Emanuel, Urquhart and Sullivan (attorneys at law)
The New Home Company
City of South Gate
City of Sierra Madre
Belzberg Architects
Occidental College
Rose Bowl Stadium
Las Encinas Hospital/Aurora Health Services
The Claremont Colleges (Pomona College, Claremont University Consortium, Claremont Graduate University)
Gensler Architects
Mesivta of Greater Los Angeles

AFFILIATIONS

Ms. Cuba serves with the following national and regional professional organizations:

- Member, American Society of Consulting Arborists
- Member, International Society of Arboriculture, Western Chapter
- Member, Los Angeles Oak Woodland Habitat Conservation Strategic Alliance