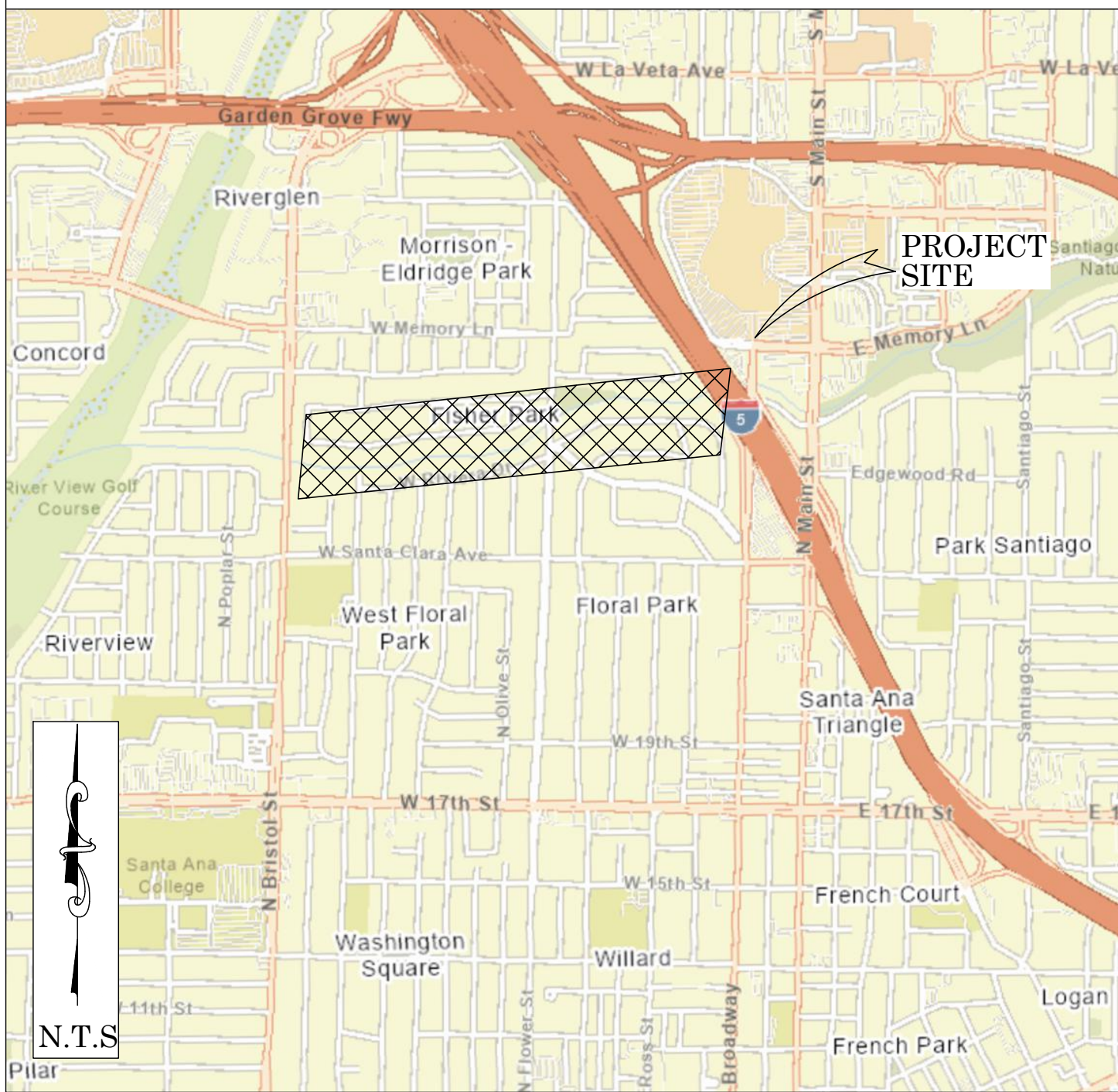




OC PUBLIC WORKS DEPARTMENT
KEVIN ONUMA, DIRECTOR OF PUBLIC WORKS
SANTIAGO CREEK CHANNEL (E08)
TREE SURVEY



LOCATION MAP



SENIOR LAND SURVEYOR'S CERTIFICATE:

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH REQUIREMENTS OF THE PROFESSIONAL LAND SURVEYORS' ACT; THIS 7 DAY OF OCTOBER, 2025.

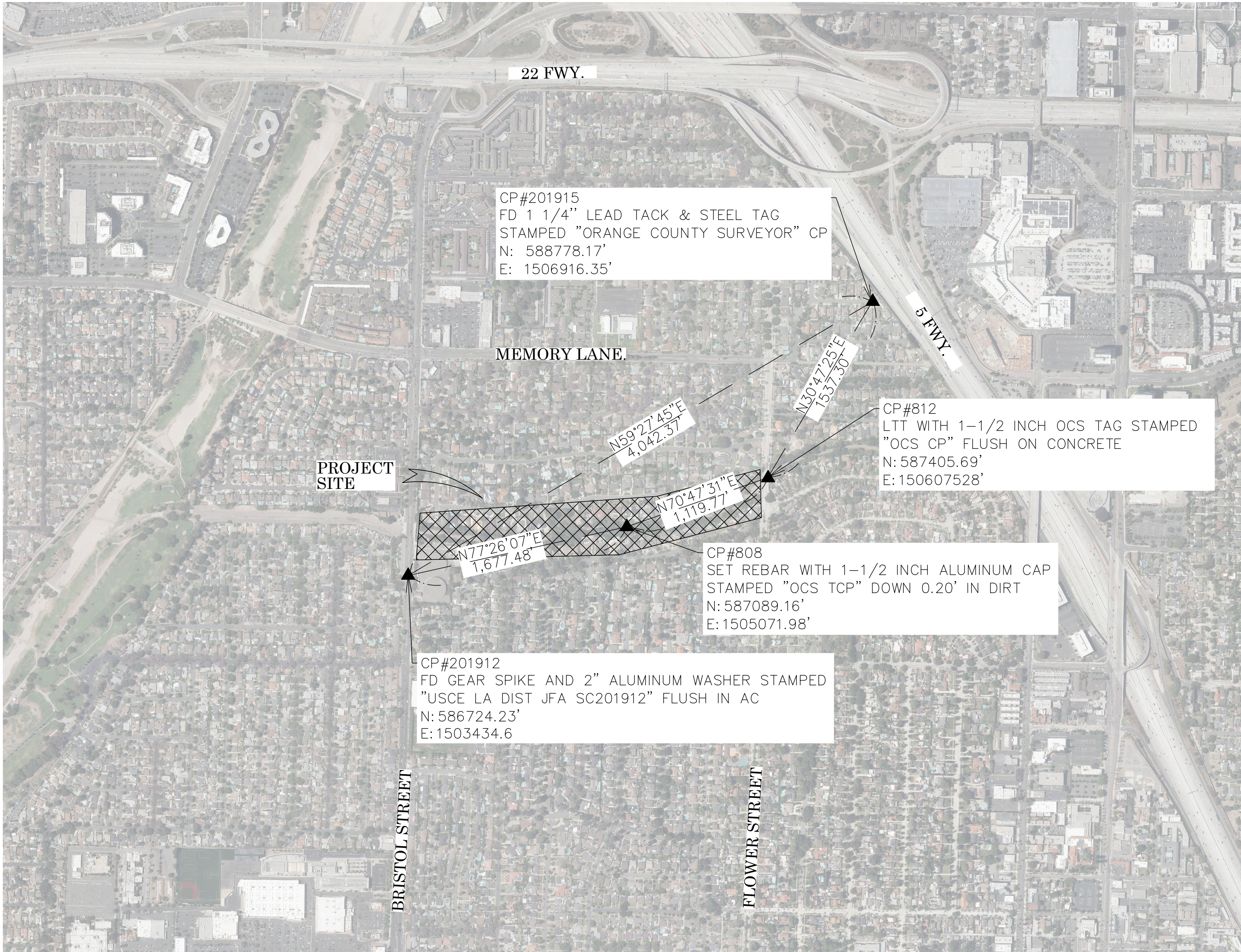
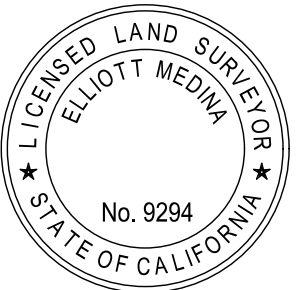
Jesom Moreno
JESOM MORENO, PLS. SENIOR LAND SURVEYOR



SENIOR LAND SURVEYOR'S CERTIFICATE:

THIS MAP HAS BEEN EXAMINED IN ACCORDANCE WITH THE PROFESSIONAL LAND SURVEYORS' ACT; THIS 7 DAY OF OCTOBER, 2025.

Elliott Medina
ELLIOTT MEDINA, PLS. SENIOR LAND SURVEYOR



BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY IS BASED ON THE NORTH AMERICAN DATUM OF 1927 AS DETERMINED LOCALLY BY A LINE BETWEEN SURVEY CONTROL POINTS "SC201912" AND "SC201915" BEING NORTH 59°27'45" EAST AS DERIVED FROM THE COORDINATES PROVIDED IN JOHNSON-FRANK & ASSOCIATES, INC., PROJECT REPORT FOR SANTIAGO CREEK PROJECT, ORANGE COUNTY, CALIFORNIA, USACE FILE: #CA-3061, USACE SHELF: 222

HORIZONTAL DATUM

THE HORIZONTAL DATA SHOWN HEREON IS BASED ON THE NORTH AMERICAN DATUM OF 1927. COORDINATES ARE CALIFORNIA STATE PLANE, ZONE VI.

ALL DISTANCES SHOWN ARE GRID, UNLESS OTHERWISE NOTED. TO OBTAIN GROUND DISTANCES MULTIPLY GRID BY A COMBINED FACTOR OF 1.00001830.

THIS COMBINATION FACTOR WAS HELD AT: CP# 201912
N: 586724.23 E: 1503434.67 EL: 117.31'

ALL DISTANCES ARE BASED ON THE U.S. SURVEY FOOT.

VERTICAL DATUM

BENCHMARK F-1416 ELEV. = 185.501'

NGVD29

DESCRIPTION: FOUND 3 3/4" NGS BRONZE DISK STAMPED "F 1416 1988", SET IN THE NORTHEASTERLY CORNER OF A CONCRETE BRIDGE MONUMENT IS LOCATED ALONG THE EASTERLY SIDE OF GLASSELL STREET, 0.1 MILES NORTHERLY ALONG GLASSELL FROM THE 22 FREEWAY OVERCROSSING, 25.3 FT. EASTERLY OF THE CENTERLINE OF THE NORTHBOUND LANES ALONG GLASSELL AND 121.7 FT. SOUTHERLY OF THE NORTHERLY END OF THE EASTERLY GUARDRAIL ALONG BRIDGE. MONUMENT IS SET LEVEL WITH THE SIDEWALK.

NOTES

THE SURVEY INFORMATION SHOWN HEREON IS TO BE USED FOR TOPOGRAPHIC RELATIONSHIPS ONLY AND IS NOT INTENDED FOR LAND ACQUISITION OR BOUNDARY PURPOSES. TREE LOCATIONS WERE DERIVED FROM UAV LIDAR AND TERRESTRIAL LIDAR DATA USING AUTOMATED EXTRACTION TOOLS. ACCURACY AND COMPLETENESS ARE SUBJECT TO THE LIMITATIONS OF THE DATASET AND PROCESSING METHODS

SHEET INDEX

SHEET	NO.	DESCRIPTION
SHEET	1	TITLE SHEET
SHEET	2	INDEX MAP
SHEETS	3-7	TREE SURVEY

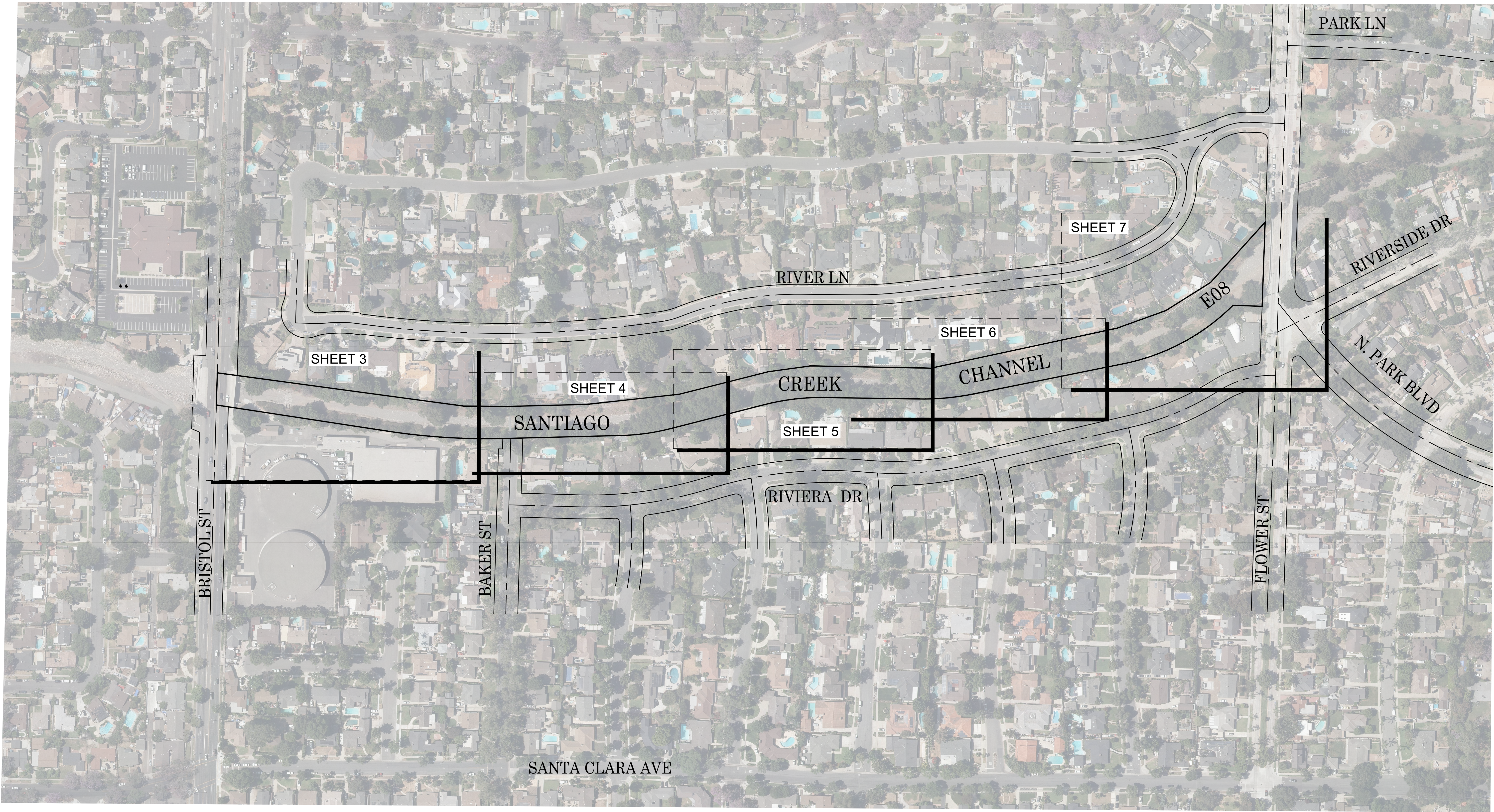
PURPOSE OF SURVEY

THE PURPOSE OF THE SURVEY IS TO PROVIDE A SURVEY SHOWING LOCATIONS OF TREES WITHIN THIS PORTION OF THE SANTIAGO CREEK CHANNEL.

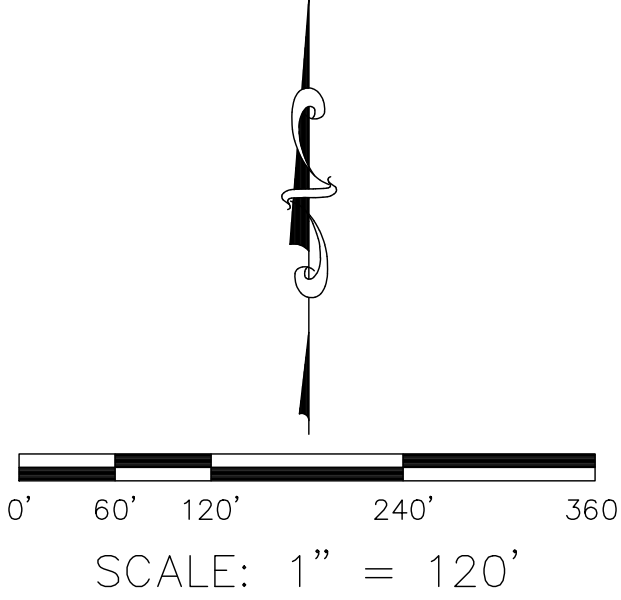
TREE SURVEY PROJECT

			COUNTY OF ORANGE OC PUBLIC WORKS OC CONSTRUCTION/ SURVEY-FIELD SERVICES			SHEET NO. 1 of 7
			SANTIAGO CREEK CHANNEL (E08) TREE SURVEY			
			TITLE SHEET			
			PROJECT LIMITS: ALONG SANTIAGO CREEK CHANNEL FROM BRISTOL STREET TO FLOWER STREET			
			DATE OF SURVEY: 06/09/2025			
			BY: BARAJAS & CREW			
			MAPPING			
			BY: K. MARTINEZ			
			OFFICE CHECK			
			BY: J. MORENO, PLS			
MARK	DATE	ITEM	FIELD CHECK			BY: BARAJAS & CREW
REVISIONS			SCALE: N.T.S.	W.O. #ESC2000	FILE #2425PW-FP0002	
			FILE: SANTIAGO CREEK TREE SURVEY 2025.DWG			

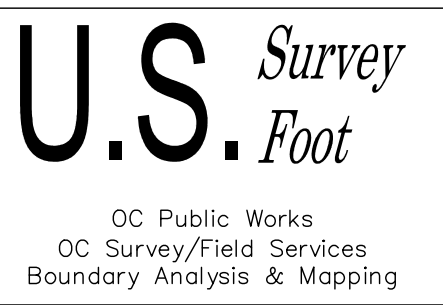
TREE SURVEY INDEX MAP



U.S. Survey
Foot
OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping



MARK	DATE	ITEM	COUNTY OF ORANGE OC PUBLIC WORKS OC CONSTRUCTION/ SURVEY-FIELD SERVICES				
			SANTIAGO CREEK CHANNEL (E08) TREE SURVEY				
			INDEX SHEET				
			PROJECT LIMITS: ALONG SANTIAGO CREEK CHANNEL FROM BRISTOL STREET TO FLOWER STREET				
			DATE OF SURVEY:06/09/2025		BY:BARAJAS & CREW		SHEET NO. 2 of 7
			MAPPING		BY:K.MARTINEZ		
			OFFICE CHECK		BY:J.MORENO, PLS		
			FIELD CHECK		BY:BARAJAS & CREW		
			SCALE: N.T.S.		W.O. #ESC2000	FILE # 2425PW-FP0002	
			REVISIONS				FILE:SANTIAGO CREEK TREE SURVEY 2025.DWG

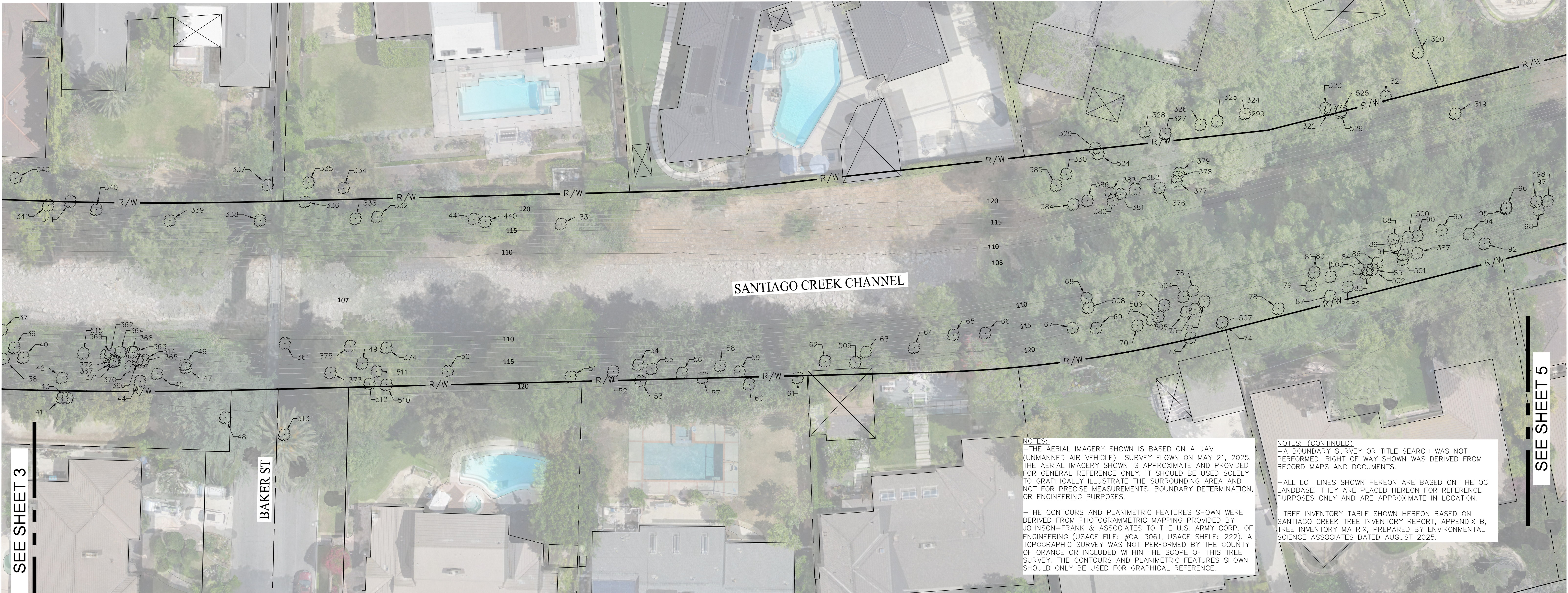


POINT	DBH (In.)	Height (Ft.)	Health	Common_Name	Scientific_Name
341	9, 8, 8	41	C	Brisbane Box	<i>Lophostemon confertus</i>
342	12, 15 est	41	C	Eugenia	<i>Syzygium paniculatum</i>
343	18, 14, 12, 14	25	B	Carrotwood	<i>Cupaniopsis anacardioides</i>
344	18, 22, 40, 18 est	73	C	Blue Gum	<i>Eucalyptus globulus</i>
345	15	31	C	Carrotwood	<i>Cupaniopsis anacardioides</i>
346	16	40	B	Japanese Black Pine	<i>Pinus thunbergii</i>
347	8	40	C	Carolina Laurel Cherry	<i>Prunus caroliniana</i>
348	45	39	C	Aleppo Pine	<i>Pinus halepensis</i>
349	10	20*	C	Carrotwood	<i>Cupaniopsis anacardioides</i>
350	4, 4	50	B	Blue Elderberry	<i>Sambucus nigra</i>
351	8, 5, 4, 4, 6	28	C	Blue Elderberry	<i>Sambucus nigra</i>
352	25, 13, 8	20*	C	Fremont Cottonwood	<i>Populus fremontii</i>
353	25, 21, 12, 10, 8	32	B	Brazilian Pepper Tree	<i>Schinus terebinthifolia</i>
354	4, 4, 4, 5, 3	20	C	Brazilian Pepper Tree	<i>Schinus terebinthifolia</i>
355	4, 4, 3	21	C	Brazilian Pepper Tree	<i>Schinus terebinthifolia</i>
356	8	20	B	Eugenia	<i>Syzygium paniculatum</i>
357	40	46	C	Indian Laurel Fig	<i>Ficus microcarpa</i>
358	60	60	C	Indian Laurel Fig	<i>Ficus microcarpa</i>
359-535	LOCATED BY SURVEY BUT NOT INCLUDED IN ARBORIST TREE REPORT				

- THE CONTOURS AND PLANIMETRIC FEATURES SHOWN WERE DERIVED FROM PHOTOGRAMMETRIC MAPPING PROVIDED BY JOHNSON-FRANK & ASSOCIATES TO THE U.S. ARMY CORP. OF ENGINEERING (USACE FILE: #CA-3061, USACE SHELF: 222). A TOPOGRAPHIC SURVEY WAS NOT PERFORMED BY THE COUNTY OF ORANGE OR INCLUDED WITHIN THE SCOPE OF THIS TREE SURVEY. THE CONTOURS AND PLANIMETRIC FEATURES SHOWN SHOULD ONLY BE USED FOR GRAPHICAL REFERENCE.

-TREE INVENTORY TABLE SHOWN HEREON BASED ON SANTIAGO CREEK TREE INVENTORY REPORT, APPENDIX B, TREE INVENTORY MATRIX, PREPARED BY ENVIRONMENTAL SCIENCE ASSOCIATES DATED AUGUST 2025.

MARK	DATE	ITEM	COUNTY OF ORANGE OC PUBLIC WORKS OC CONSTRUCTION/ SURVEY-FIELD SERVICES			SHEET NO. 3 of 7
			SANTIAGO CREEK CHANNEL (E08) TREE SURVEY			
			TREE SURVEY			
			PROJECT LIMITS: ALONG SANTIAGO CREEK CHANNEL FROM BRISTOL STREET TO FLOWER STREET			
			DATE OF SURVEY: 06/09/2025		BY: BARAJAS & CREW	
			MAPPING		BY: K. MARTINEZ	
			OFFICE CHECK		BY: J. MORENO, PLS	
			FIELD CHECK		BY: BARAJAS & CREW	
			SCALE: N.T.S.	W.O. #ESC2000	FILE # 2425PW-PP0002	
			FLE: SANTIAGO CREEK TREE SURVEY 2025.DWG			
REVISIONS						



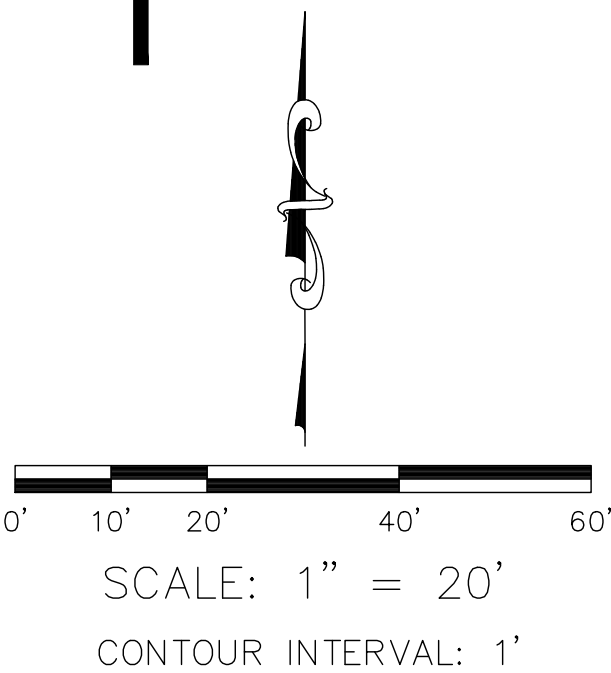
SEE SHEET 3

BAKER ST

SEE SHEET 5

NOTES:
-THE AERIAL IMAGERY SHOWN IS BASED ON A UAV (UNMANNED AIR VEHICLE) SURVEY FLOWN ON MAY 21, 2025. THE AERIAL IMAGERY SHOWN IS APPROXIMATE AND PROVIDED FOR GENERAL REFERENCE ONLY. IT SHOULD BE USED SOLELY TO GRAPHICALLY ILLUSTRATE THE SURROUNDING AREA AND NOT FOR PRECISE MEASUREMENTS, BOUNDARY DETERMINATION, OR ENGINEERING PURPOSES.
-THE CONTOURS AND PLANIMETRIC FEATURES SHOWN WERE DERIVED FROM PHOTOGRAMMETRIC MAPPING PROVIDED BY JOHNSON-FRANK & ASSOCIATES TO THE U.S. ARMY CORP. OF ENGINEERING (USACE FILE: #CA-3061, USACE SHELF: 222). A TOPOGRAPHIC SURVEY WAS NOT PERFORMED BY THE COUNTY OF ORANGE OR INCLUDED WITHIN THE SCOPE OF THIS TREE SURVEY. THE CONTOURS AND PLANIMETRIC FEATURES SHOWN SHOULD ONLY BE USED FOR GRAPHICAL REFERENCE.

NOTES: (CONTINUED)
-A BOUNDARY SURVEY OR TITLE SEARCH WAS NOT PERFORMED. RIGHT OF WAY SHOWN WAS DERIVED FROM RECORD MAPS AND DOCUMENTS.
-ALL LOT LINES SHOWN HEREON ARE BASED ON THE OC LANDBASE. THEY ARE PLACED HEREON FOR REFERENCE PURPOSES ONLY AND ARE APPROXIMATE IN LOCATION.
-TREE INVENTORY TABLE SHOWN HEREON BASED ON SANTIAGO CREEK TREE INVENTORY REPORT, APPENDIX B, TREE INVENTORY MATRIX, PREPARED BY ENVIRONMENTAL SCIENCE ASSOCIATES DATED AUGUST 2025.



POINT	DBH (in.)	Height (Ft.)	Health	Common_Name	Scientific_Name
37	5, 4, 5, 4	8*	B	Strawberry Madrone	<i>Arbutus unedo</i>
38	8	14*	C	Toyon	<i>Heteromeles arbutifolia</i>
39	7, 7, 7, 6, 6	27*	B	African Fern Pine	<i>Afrocarpus falcatus</i>
40	8, 8	15*	C	Toyon	<i>Heteromeles arbutifolia</i>
41	9, 8, 7	35	B	African Fern Pine	<i>Afrocarpus falcatus</i>
42	7	16*	C	Toyon	<i>Heteromeles arbutifolia</i>
43	9	30	B	Brisbane Box	<i>Lophostemon confertus</i>
44	10	37	B	Brisbane Box	<i>Lophostemon confertus</i>
45	9, 8, 6	20*	B	Toyon	<i>Heteromeles arbutifolia</i>
46	4, 4	44	C	Brisbane Box	<i>Lophostemon confertus</i>
47	3, 5	50	B	Shamel Ash	<i>Fraxinus uhdei</i>
48	31	50	C	Deodar Cedar	<i>Cedrus deodara</i>
49	20, 15, 20	45*	B	Shamel Ash	<i>Fraxinus uhdei</i>
50	12	30	D	Pecan	<i>Carya illinoensis</i>
51	26, 30	72	C	Shamel Ash	<i>Fraxinus uhdei</i>
52	20	39	C	Fremont Cottonwood	<i>Populus fremontii</i>
53	13	48	B	Fremont Cottonwood	<i>Populus fremontii</i>
54	15	35*	C	Fremont Cottonwood	<i>Populus fremontii</i>
55	12	30*	B	Fremont Cottonwood	<i>Populus fremontii</i>
56	13	49	D	Fremont Cottonwood	<i>Populus fremontii</i>
57	18	48	B	Fremont Cottonwood	<i>Populus fremontii</i>
58	9	52	C	Fremont Cottonwood	<i>Populus fremontii</i>
59	10, 8, 4	52	C	Fremont Cottonwood	<i>Populus fremontii</i>
60	7, 6, 6, 6, 5, 5, 5	44	C	Brazilian Pepper Tree	<i>Schinus terebinthifolia</i>
61	8, 6	12*	C	Brazilian Pepper Tree	<i>Schinus terebinthifolia</i>
62	8, 9	28*	B	Shamel Ash	<i>Fraxinus uhdei</i>
63	8, 8, 7, 6, 6	16*	C	Brazilian Pepper Tree	<i>Schinus terebinthifolia</i>
64	20	46	B	Coast Redwood	<i>Sequoia sempervirens</i>
65	8, 3	59	C	Shamel Ash	<i>Fraxinus uhdei</i>
66	7, 7	46	C	Brisbane Box	<i>Lophostemon confertus</i>
67	35, 25, 25 est	78	B	Shamel Ash	<i>Fraxinus uhdei</i>
68	16	86	C	Shamel Ash	<i>Fraxinus uhdei</i>
69	26, 10	78	B	Shamel Ash	<i>Fraxinus uhdei</i>
70	6, 10, 24	77	B	Shamel Ash	<i>Fraxinus uhdei</i>
71	30, 16, 8	77	B	Shamel Ash	<i>Fraxinus uhdei</i>
72	35, 7, 7, 8, 7, 6, 6	80	B	Shamel Ash	<i>Fraxinus uhdei</i>
73	18, 10	71	C	Shamel Ash	<i>Fraxinus uhdei</i>
74	13, 5	72	C	Shamel Ash	<i>Fraxinus uhdei</i>
75	16	101	B	Shamel Ash	<i>Fraxinus uhdei</i>

POINT	DBH (in.)	Height (Ft.)	Health	Common_Name	Scientific_Name
76	9	82	C	Shamel Ash	<i>Fraxinus uhdei</i>
77	8	79	B	Shamel Ash	<i>Fraxinus uhdei</i>
78	35	50*	B	Shamel Ash	<i>Fraxinus uhdei</i>
79	23, 8, 6	55*	B	Shamel Ash	<i>Fraxinus uhdei</i>
80	17, 7	75	C	Shamel Ash	<i>Fraxinus uhdei</i>
81	9	79	C	Shamel Ash	<i>Fraxinus uhdei</i>
82	25, 8	73	C	Shamel Ash	<i>Fraxinus uhdei</i>
83	6	75	D	Shamel Ash	<i>Fraxinus uhdei</i>
84	7, 5, 19	75	C	Shamel Ash	<i>Fraxinus uhdei</i>
85	7	75	C	Shamel Ash	<i>Fraxinus uhdei</i>
86	10	76	C	Shamel Ash	<i>Fraxinus uhdei</i>
87	12	72	D	Shamel Ash	<i>Fraxinus uhdei</i>
88	11	35*	C	Shamel Ash	<i>Fraxinus uhdei</i>
89	15	79	C	Shamel Ash	<i>Fraxinus uhdei</i>
90	18, 17, 15, 15	80	B	Shamel Ash	<i>Fraxinus uhdei</i>
91	13	40*	C	Shamel Ash	<i>Fraxinus uhdei</i>
92	15, 8	72	C	Shamel Ash	<i>Fraxinus uhdei</i>
93	30, 12, 14	80	B	Shamel Ash	<i>Fraxinus uhdei</i>
94	9, 11	76	C	Shamel Ash	<i>Fraxinus uhdei</i>
95	25	81	C	Shamel Ash	<i>Fraxinus uhdei</i>
96	17, 12	82	C	Shamel Ash	<i>Fraxinus uhdei</i>
97	15	80	B	Shamel Ash	<i>Fraxinus uhdei</i>
98	14	77	B	Shamel Ash	<i>Fraxinus uhdei</i>
319	12, 16, 15	55	C	Chinese Elm	<i>Ulmus parvifolia</i>
320	15, 15	48	C	Chinese Elm	<i>Ulmus parvifolia</i>
321	7	38	C	Carolina Laurel Cherry	<i>Prunus caroliniana</i>
322	8, 6	26	C	Brazilian Pepper Tree	<i>Schinus terebinthifolia</i>
323	5, 5, 6, 4, 3, 8, 8	13*	C	Brazilian Pepper Tree	<i>Schinus terebinthifolia</i>
324	5, 3	27	C	Carolina Laurel Cherry	<i>Prunus caroliniana</i>
325	15, 5, 4, 12	37	C	Shiny Xylosma	<i>Xylosma congesta</i>
326	4	36	C	Carolina Laurel Cherry	<i>Prunus caroliniana</i>
327	13	46	B	Olive	<i>Olea europaea</i>
328	14, 8 est	47	D	Shiny Xylosma	<i>Xylosma congesta</i>
329	11, 16	40*	C	Shamel Ash	<i>Fraxinus uhdei</i>
330	16, 6	56	C	Shamel Ash	<i>Fraxinus uhdei</i>
331	15, 8, 14, 11	30	C	Blue Elderberry	<i>Sambucus nigra</i>
332	4, 6, 9, 5, 6	61	C	Shamel Ash	<i>Fraxinus uhdei</i>
333	10	61	C	Shamel Ash	<i>Fraxinus uhdei</i>
334	35	33	D	Red Ironbark	<i>Eucalyptus sideroxylon</i>

POINT	DBH (in.)	Height (Ft.)	Health	Common_Name	Scientific_Name
335	10	56	C	Southern Magnolia	<i>Magnolia grandiflora</i>
336	17, 13, 11, 9, 9, 8	63	C	Shamel Ash	<i>Fraxinus uhdei</i>
337	6	56	D	Carob	<i>Ceratonia siliqua</i>
338	35	57	B	Canary Island Date Palm	<i>Phoenix canariensis</i>
339	36	78	C	Aleppo Pine	<i>Pinus halepensis</i>
340	15 est	49	D	Brisbane Box	<i>Lophostemon confertus</i>
341	9, 8, 8	41	C	Brisbane Box	<i>Lophostemon confertus</i>
342	12, 15 est	41	C	Eugenia	<i>Syzygium paniculatum</i>
343	18, 14, 12, 14	25	B	Carrotwood	<i>Cupaniopsis anacardioides</i>

359-535 LOCATED BY SURVEY BUT NOT INCLUDED IN ARBORIST TREE REPORT
* HEIGHT OF TREE EXTRACTED FROM OC SURVEY POINT CLOUD AUTOMATED EXTRACTIONS TOOLS

LEGEND

SYMBOL

Tree

ABBREVIATION

DBH DIAMETER AT BREAST HEIGHT

U.S. Survey
Foot

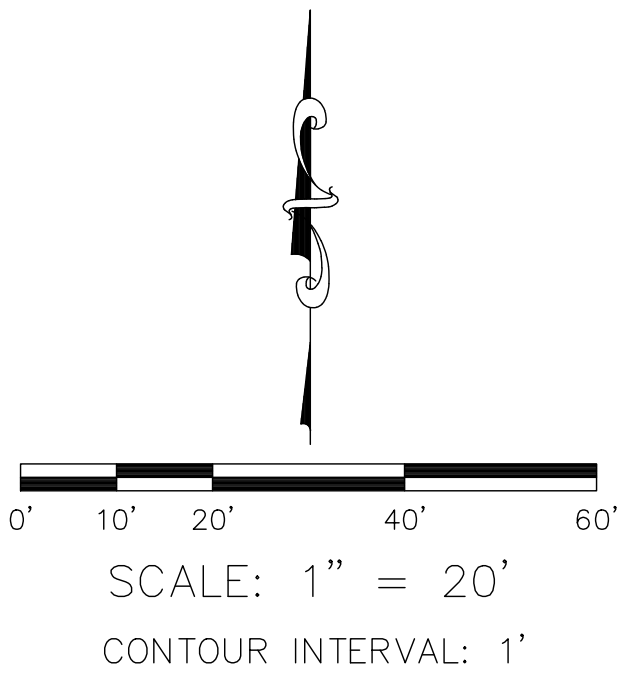
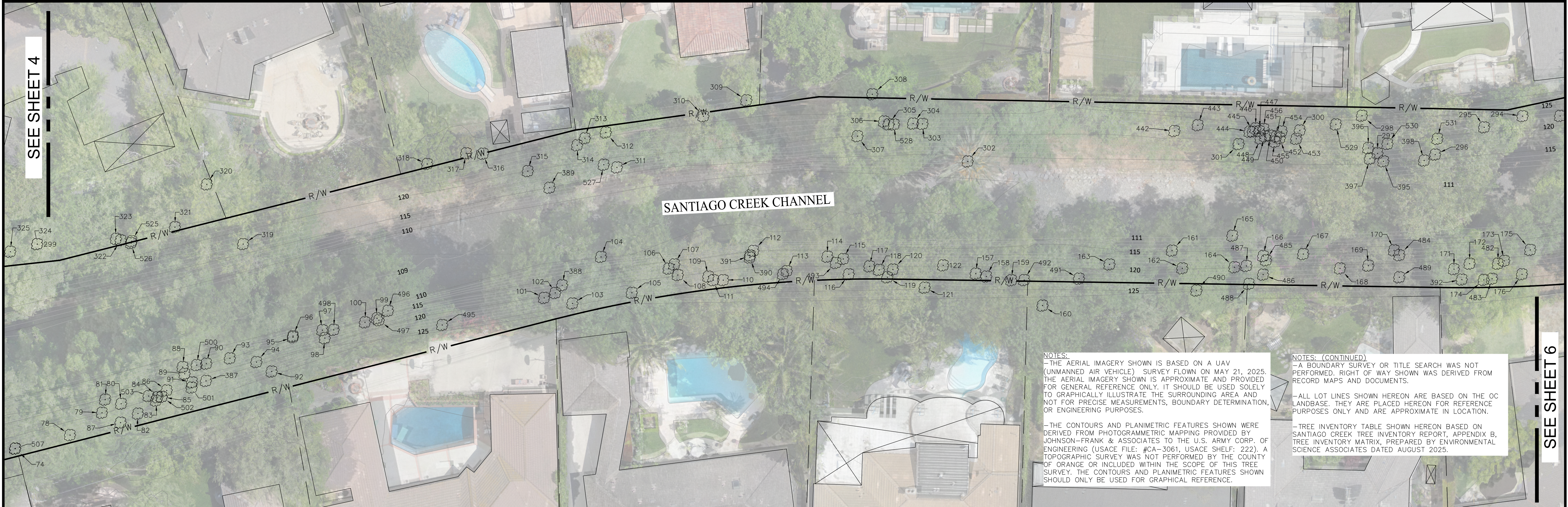
OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping

COUNTY OF ORANGE
OC PUBLIC WORKS
OC CONSTRUCTION/ SURVEY-FIELD SERVICES

SANTIAGO CREEK CHANNEL (E08) TREE SURVEY

TREE SURVEY			
PROJECT LIMITS: ALONG SANTIAGO CREEK CHANNEL FROM BRISTOL STREET TO FLOWER STREET			
DATE OF SURVEY: 06/09/2025		BY: BARAJAS & CREW	SHEET NO. 4 of 7
MAPPING		BY: K.MARTINEZ	
OFFICE CHECK		BY: J.MORENO, PLS	7
FIELD CHECK		BY: BARAJAS & CREW	
SCALE: N.T.S.	W.O. #ESC2000	FILE #2425PW-FP0002	
FILE: SANTIAGO CREEK TREE SURVEY 2025.DWG			

REVISIONS



POINT	DBH (In.)	Height (Ft.)	Health	Common_Name	Scientific_Name
74	13, 5	72	C	Shamel Ash	Fraxinus uhdei
75	16	101	B	Shamel Ash	Fraxinus uhdei
76	9	82	C	Shamel Ash	Fraxinus uhdei
77	8	79	B	Shamel Ash	Fraxinus uhdei
78	35	50*	B	Shamel Ash	Fraxinus uhdei
79	23, 8, 6	55*	B	Shamel Ash	Fraxinus uhdei
80	17, 7	75	C	Shamel Ash	Fraxinus uhdei
81	9	79	C	Shamel Ash	Fraxinus uhdei
82	25, 8	73	C	Shamel Ash	Fraxinus uhdei
83	6	75	D	Shamel Ash	Fraxinus uhdei
84	7, 5, 19	75	C	Shamel Ash	Fraxinus uhdei
85	7	75	C	Shamel Ash	Fraxinus uhdei
86	10	76	C	Shamel Ash	Fraxinus uhdei
87	12	72	D	Shamel Ash	Fraxinus uhdei
88	11	35*	C	Shamel Ash	Fraxinus uhdei
89	15	79	C	Shamel Ash	Fraxinus uhdei
90	18, 17, 15, 15	80	B	Shamel Ash	Fraxinus uhdei
91	13	40*	C	Shamel Ash	Fraxinus uhdei
92	15, 8	72	C	Shamel Ash	Fraxinus uhdei
93	30, 12, 14	80	B	Shamel Ash	Fraxinus uhdei
94	9, 11	76	C	Shamel Ash	Fraxinus uhdei
95	25	81	C	Shamel Ash	Fraxinus uhdei
96	17, 12	82	C	Shamel Ash	Fraxinus uhdei
97	15	80	B	Shamel Ash	Fraxinus uhdei
98	14	77	B	Shamel Ash	Fraxinus uhdei
99	15, 22	78	C	Shamel Ash	Fraxinus uhdei
100	25, 9	78	B	Shamel Ash	Fraxinus uhdei
101	35	73	B	Shamel Ash	Fraxinus uhdei
102	10, 25 est	74	D	Shamel Ash	Fraxinus uhdei
103	16 est	55*	C	Shamel Ash	Fraxinus uhdei
104	8	83	C	Coast Live Oak	Quercus agrifolia
105	12	30*	D	Shamel Ash	Fraxinus uhdei
106	10, 15, 13, 8	45*	C	Shamel Ash	Fraxinus uhdei
107	13	20*	C	Coast Live Oak	Quercus agrifolia
108	10	30*	C	Yellow Mangosteen	Atractocarpus fitzalanii
109	15	72	D	Shamel Ash	Fraxinus uhdei
110	18	71	C	Shamel Ash	Fraxinus uhdei
111	9	71	C	Shamel Ash	Fraxinus uhdei
112	6, 14, 11	40*	C	Shamel Ash	Fraxinus uhdei
113	6	61	C	Shamel Ash	Fraxinus uhdei
114	35	73	C	Shamel Ash	Fraxinus uhdei
115	4	74	D	Victorian Box	Pittosporum undulatum
116	4	71	C	Victorian Box	Pittosporum undulatum
117	6	73	D	Victorian Box	Pittosporum undulatum
118	11, 14	72	C	Shamel Ash	Fraxinus uhdei
119	30, 7, 7	70	C	Shamel Ash	Fraxinus uhdei
120	22, 11, 7	72	C	Shamel Ash	Fraxinus uhdei
121	20	70	D	Shamel Ash	Fraxinus uhdei

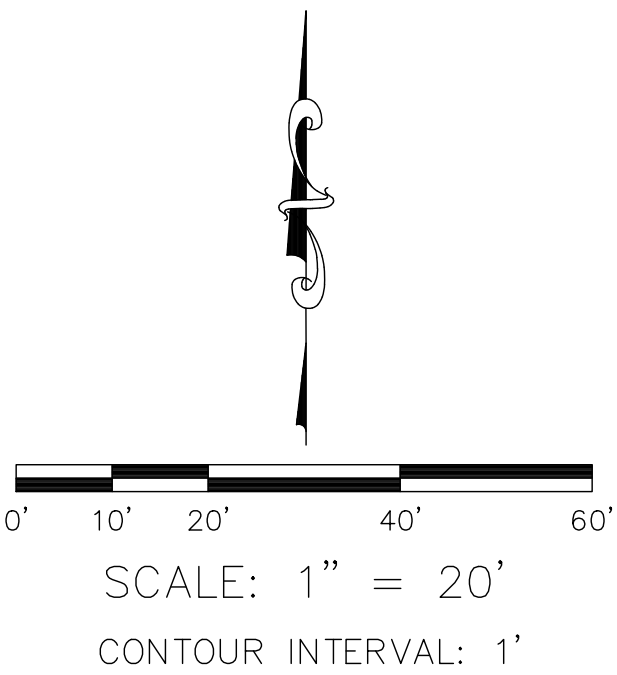
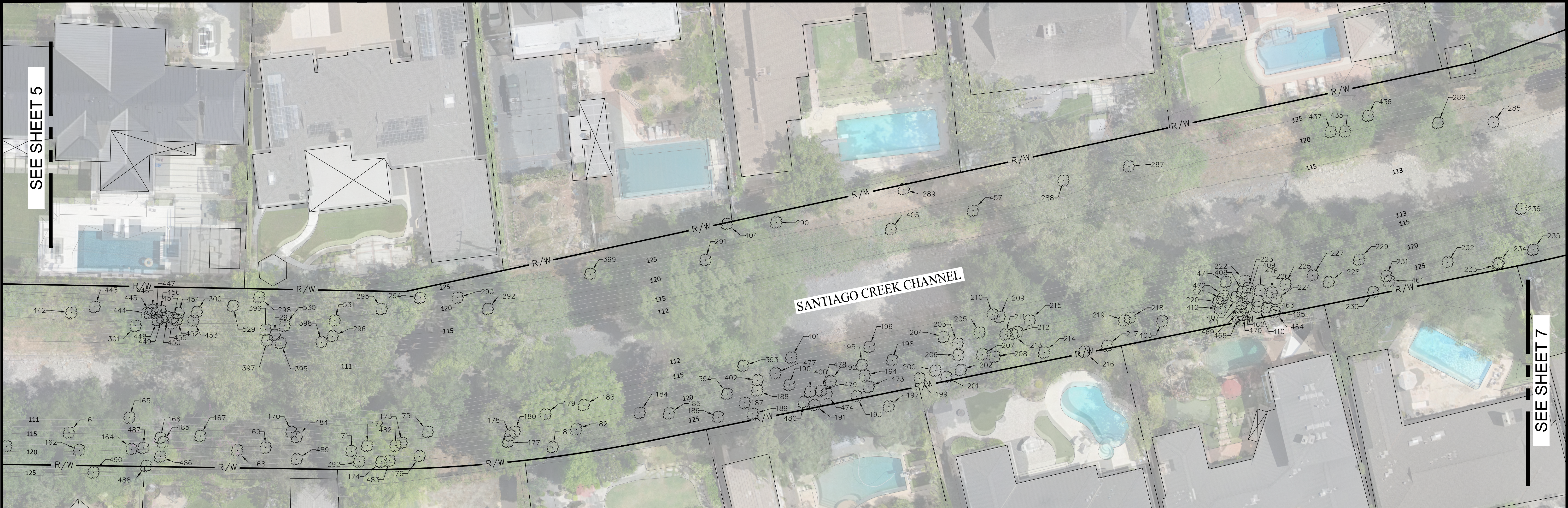
POINT	DBH (In.)	Height (Ft.)	Health	Common_Name	Scientific_Name
122	5	75	C	Holly Oak	Quercus ilex
157	24	45*	C	Shamel Ash	Fraxinus uhdei
158	14, 5, 10, 9	72	C	Shamel Ash	Fraxinus uhdei
159	13, 9	71	C	Shamel Ash	Fraxinus uhdei
160	17, 11	40*	C	Shamel Ash	Fraxinus uhdei
161	18	30*	C	Coast Live Oak	Quercus agrifolia
162	19	40	C	Coast Live Oak	Quercus agrifolia
163	5, 4	61	C	Catalina Island Tree	Prunus ilicifolia
164	4, 5	31	C	Shamel Ash	Fraxinus uhdei
165	5, 9	16*	C	Coast Live Oak	Quercus agrifolia
166	13, 18	30*	C	Coast Live Oak	Quercus agrifolia
167	10	31	C	Coast Live Oak	Quercus agrifolia
168	8	31	C	Coast Live Oak	Quercus agrifolia
169	13, 8	30*	C	Coast Live Oak	Quercus agrifolia
170	13, 10	49	C	Coast Live Oak	Quercus agrifolia
171	8, 8	45	C	Shamel Ash	Fraxinus uhdei
172	5	46	C	Coast Live Oak	Quercus agrifolia
173	7	43	C	Chinese Flame Tree	Koelreuteria bipinnata
174	13, 10	35*	C	Chinese Flame Tree	Koelreuteria bipinnata
175	19	46	C	Coast Live Oak	Quercus agrifolia
176	4, 5	36	C	Shamel Ash	Fraxinus uhdei
294	15	86	B	Mexican Fan Palm	Washingtonia robusta
295	18, 18	56	D	Black Walnut	Juglans nigra
296	26	60*	C	California Sycamore	Platanus racemosa
297	28	50*	D	California Sycamore	Platanus racemosa
298	9	57	C	Chinese Flame Tree	Koelreuteria bipinnata
299	11, 11	27	B	Avocado	Persea americana
300	5, 2	16*	C	Chinese Flame Tree	Koelreuteria bipinnata
301	13	30	C	Black Walnut	Juglans nigra
302	35	57	B	Canary Island Date Palm	Phoenix canariensis
303	15, 9	71	B	Shamel Ash	Fraxinus uhdei
304	13	71	C	Shamel Ash	Fraxinus uhdei
305	9	66	C	Shamel Ash	Fraxinus uhdei
306	14, 13, 8, 9	65	C	Shamel Ash	Fraxinus uhdei
307	15	63	C	Shamel Ash	Fraxinus uhdei
308	15, 9 est	58	C	American Sweetgum	Liquidambar styraciflua
309	9	35	C	American Sweetgum	Liquidambar styraciflua
310	4, 6, 8	27	C	Carrotwood	Cupaniopsis anacardioides
311	10	37	C	Brazilian Pepper Tree	Schinus terebinthifolia
312	16	30	C	American Sweetgum	Liquidambar styraciflua
313	4, 4, 4, 8	38	C	Carrotwood	Cupaniopsis anacardioides
314	16 est	39	C	Shamel Ash	Fraxinus uhdei
315	13	37	B	Coast Live Oak	Quercus agrifolia
316	4, 4, 3, 3	33	C	Victorian Box	Pittosporum undulatum
317	7	22	B	Victorian Box	Pittosporum undulatum
318	9, 6, 5	28	B	Chinese Elm	Ulmus parvifolia
319	12, 16, 15	55	C	Chinese Elm	Ulmus parvifolia
320	15, 15	48	C	Chinese Elm	Ulmus parvifolia

POINT	DBH (In.)	Height (Ft.)	Health	Common_Name	Scientific_Name
321	7	38	C	Carolina Laurel Cherry	Prunus caroliniana
322	8, 6	26	C	Brazilian Pepper Tree	Schinus terebinthifolia
323	5, 5, 6, 4, 3, 8, 8	13*	C	Brazilian Pepper Tree	Schinus terebinthifolia
324	5, 3	27	C	Carolina Laurel Cherry	Prunus caroliniana
325	15, 5, 4, 12	37	C	Shiny Xylosma	Xylosma congesta
359 -535				LOCATED BY SURVEY BUT NOT INCLUDED IN ARBORIST TREE REPORT	

* HEIGHT OF TREE EXTRACTED FROM OC SURVEY POINT CLOUD AUTOMATED EXTRACTIONS TOOLS

LEGEND	
SYMBOL	
Tree	
ABBREVIATION	
DBH	DIAMETER AT BREAST HEIGHT

			COUNTY OF ORANGE OC PUBLIC WORKS OC CONSTRUCTION/ SURVEY-FIELD SERVICES				
			SANTIAGO CREEK CHANNEL (E08) TREE SURVEY				
			TREE SURVEY				
			PROJECT LIMITS: ALONG SANTIAGO CREEK CHANNEL FROM BRISTOL STREET TO FLOWER STREET				
			DATE OF SURVEY: 06/09/2025		BY: BARAJAS & CREW		SHEET NO. 5 of 7
			MAPPING		BY: K. MARTINEZ		
			OFFICE CHECK		BY: J. MORENO, PLS		
			FIELD CHECK		BY: BARAJAS & CREW		
			SCALE: N.T.S.		W.O. #ESC2000	FILE #2425PW-FP0002	
			FILE: SANTIAGO CREEK TREE SURVEY 2025.DWG				
MARK	DATE	ITEM	REVISIONS				



POINT	DBH (In.)	Height (Ft.)	Health	Common_Name	Scientific_Name
161	18	30*	C	Coast Live Oak	Quercus agrifolia
162	19	40	C	Coast Live Oak	Quercus agrifolia
163	5, 4	61	C	Catalina Island Tree	Prunus ilicifolia
164	4, 5	31	C	Shamel Ash	Fraxinus uhdei
165	5, 9	16*	C	Coast Live Oak	Quercus agrifolia
166	13, 18	30*	C	Coast Live Oak	Quercus agrifolia
167	10	31	C	Coast Live Oak	Quercus agrifolia
168	8	31	C	Coast Live Oak	Quercus agrifolia
169	13, 8	30*	C	Coast Live Oak	Quercus agrifolia
170	13, 10	49	C	Coast Live Oak	Quercus agrifolia
171	8, 8	45	C	Shamel Ash	Fraxinus uhdei
172	5	46	C	Coast Live Oak	Quercus agrifolia
173	7	43	C	Chinese Flame Tree	Koelreuteria bipinnata
174	13, 10	35*	C	Chinese Flame Tree	Koelreuteria bipinnata
175	19	46	C	Coast Live Oak	Quercus agrifolia
176	4, 5	36	C	Shamel Ash	Fraxinus uhdei
177	7	39	C	Chinese Flame Tree	Koelreuteria bipinnata
178	9	40	C	Coast Live Oak	Quercus agrifolia
179	11	40	C	Chinese Flame Tree	Koelreuteria bipinnata
180	4	40	C	Coast Live Oak	Quercus agrifolia
181	7	26	C	Brisbane Box	Lophostemon confertus
182	8, 5, 4, 3, 3	33	C	Toyon	Heteromeles arbutifolia
183	7, 10	39	C	Chinese Flame Tree	Koelreuteria bipinnata
184	4	29	C	Coast Live Oak	Quercus agrifolia
185	4, 3	40	D	Chinese Flame Tree	Koelreuteria bipinnata
186	31	35*	C	Coast Live Oak	Quercus agrifolia
187	5	16*	C	Canary Island Pine	Pinus canariensis
188	4	18*	C	Coast Live Oak	Quercus agrifolia
189	15	30*	C	Holly Oak	Quercus ilex
190	4	10*	C	Coast Live Oak	Quercus agrifolia
191	16	30*	C	Coast Live Oak	Quercus agrifolia
192	4	78	B	Coast Live Oak	Quercus agrifolia
193	16	88	C	Canary Island Pine	Pinus canariensis
194	4	77	C	Coast Live Oak	Quercus agrifolia
195	9	34	B	Canary Island Pine	Pinus canariensis
196	4	38	C	Coast Live Oak	Quercus agrifolia
197	18	94	B	Canary Island Pine	Pinus canariensis
198	9, 10	29	D	Chinese Elm	Ulmus parvifolia
199	15	85	C	Canary Island Pine	Pinus canariensis
200	7	15*	C	Coast Live Oak	Quercus agrifolia
201	18	59	C	Coast Live Oak	Quercus agrifolia
202	21	42	C	Silver Dollar Gum	Eucalyptus polyanthemos
203	4	16*	C	Brazilian Pepper Tree	Schinus terebinthifolia
204	5	7	C	Brazilian Pepper Tree	Schinus terebinthifolia
205	5	37	C	Brazilian Pepper Tree	Schinus terebinthifolia
206	7	18*	C	Brazilian Pepper Tree	Schinus terebinthifolia
207	5	42	C	Coast Live Oak	Quercus agrifolia

POINT	DBH (In.)	Height (Ft.)	Health	Common_Name	Scientific_Name
208	4	22	C	Coast Live Oak	Quercus agrifolia
209	15, 16, 14	39	C	Coast Live Oak	Quercus agrifolia
210	9	40	C	Coast Live Oak	Quercus agrifolia
211	4	35	C	Brazilian Pepper Tree	Schinus terebinthifolia
212	6	35	C	Brazilian Pepper Tree	Schinus terebinthifolia
213	9	35	C	Brazilian Pepper Tree	Schinus terebinthifolia
214	6, 5, 4	28	C	Chinese Elm	Ulmus parvifolia
215	4	37	C	Brazilian Pepper Tree	Schinus terebinthifolia
216	3, 4, 3, 4, 5, 3, 3	37	C	Brazilian Pepper Tree	Schinus terebinthifolia
217	9	43	C	Queen Palm	Syagrus romanzoffiana
218	7, 5	32	D	Chinese Elm	Ulmus parvifolia
219	9, 12, 14	32	C	Chinese Elm	Ulmus parvifolia
220	8, 10, 7, 6, 7, 8, 7, 4, 4	42	C	Brazilian Pepper Tree	Schinus terebinthifolia
221	13, 13	22*	C	Brazilian Pepper Tree	Schinus terebinthifolia
222	6, 4, 4, 6	25*	C	Brazilian Pepper Tree	Schinus terebinthifolia
223	4, 4, 3	16*	D	Brazilian Pepper Tree	Schinus terebinthifolia
224	9, 9, 7	20*	C	Brazilian Pepper Tree	Schinus terebinthifolia
225	22	51	C	Coast Live Oak	Quercus agrifolia
226	8, 7, 7	49	C	Olive	Olea europaea
227	18, 6	51	C	Coast Live Oak	Quercus agrifolia
228	16	48	C	Coast Live Oak	Quercus agrifolia
229	7, 9, 11, 8	48	C	Coast Live Oak	Quercus agrifolia
230	4	38	C	Brazilian Pepper Tree	Schinus terebinthifolia
231	9, 7, 7	43	C	Coast Live Oak	Quercus agrifolia
232	26, 4, 3, 3	46	C	Coast Live Oak	Quercus agrifolia
233	4, 3, 5	42	C	Coast Live Oak	Quercus agrifolia
234	3, 4, 5	42	C	Chinese Elm	Ulmus parvifolia
235	12, 17, 11, 7	25*	D	Black Walnut	Juglans nigra
236	12	30*	C	California Sycamore	Platanus racemosa
285	40 est	40*	D	Shamel Ash	Fraxinus uhdei
286	11	30*	C	Coast Live Oak	Quercus agrifolia
287	25	197	B	California Sycamore	Platanus racemosa
288	38	79	B	California Sycamore	Platanus racemosa
289	5	12	B	Pink Trumpet Tree	Tabebuia heterophylla
290	18, 16 est	46	B	Avocado	Persea americana
291	62	57	B	Shamel Ash	Fraxinus uhdei
292	45 est	46	D	Black Walnut	Juglans nigra
293	8	38	D	Avocado	Persea americana
294	15	86	B	Mexican Fan Palm	Washingtonia robusta
295	18, 18	56	D	Black Walnut	Juglans nigra
296	26	60*	C	California Sycamore	Platanus racemosa
297	28	50*	D	California Sycamore	Platanus racemosa
298	9	57	C	Chinese Flame Tree	Koelreuteria bipinnata
299	11, 11	27	B	Avocado	Persea americana
300	5, 2	16*	C	Chinese Flame Tree	Koelreuteria bipinnata
301	13	30	C	Black Walnut	Juglans nigra
359-535	LOCATED BY SURVEY BUT NOT INCLUDED IN ARBORIST TREE REPORT				

* HEIGHT OF TREE EXTRACTED FROM OC SURVEY POINT CLOUD AUTOMATED EXTRACTIONS TOOLS

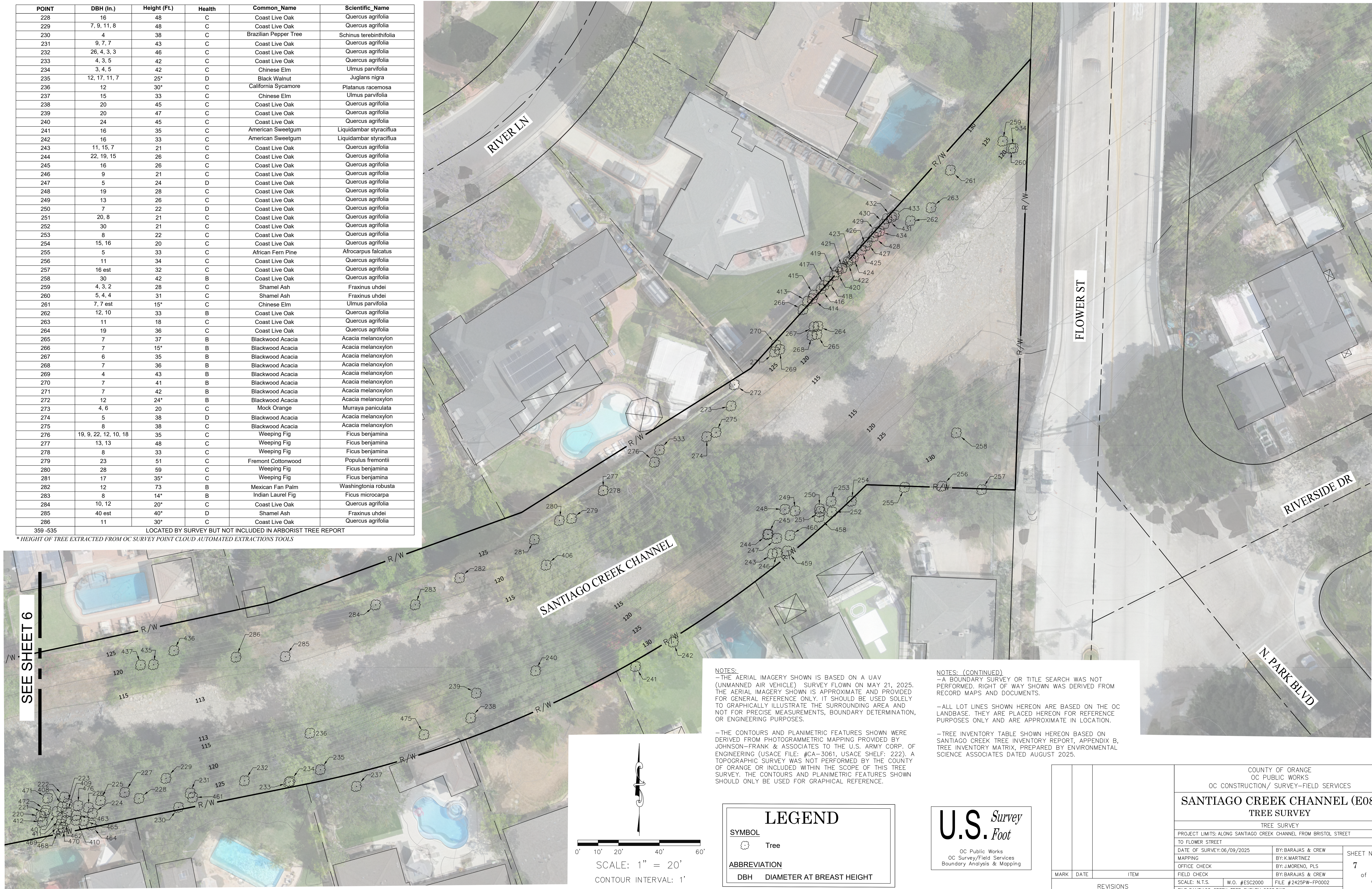
NOTES:
-THE AERIAL IMAGERY SHOWN IS BASED ON A UAV (UNMANNED AIR VEHICLE) SURVEY FLOWN ON MAY 21, 2025. THE AERIAL IMAGERY SHOWN IS APPROXIMATE AND PROVIDED FOR GENERAL REFERENCE ONLY. IT SHOULD BE USED SOLELY TO GRAPHICALLY ILLUSTRATE THE SURROUNDING AREA AND NOT FOR PRECISE MEASUREMENTS, BOUNDARY DETERMINATION, OR ENGINEERING PURPOSES.
-THE CONTOURS AND PLANIMETRIC FEATURES SHOWN WERE DERIVED FROM PHOTOGRAMMETRIC MAPPING PROVIDED BY JOHNSON-FRANK & ASSOCIATES TO THE U.S. ARMY CORP. OF ENGINEERING (USACE FILE: #CA-3061, USACE SHELF: 222). A TOPOGRAPHIC SURVEY WAS NOT PERFORMED BY THE COUNTY OF ORANGE OR INCLUDED WITHIN THE SCOPE OF THIS TREE SURVEY. THE CONTOURS AND PLANIMETRIC FEATURES SHOWN SHOULD ONLY BE USED FOR GRAPHICAL REFERENCE.
-A BOUNDARY SURVEY OR TITLE SEARCH WAS NOT PERFORMED. RIGHT OF WAY SHOWN WAS DERIVED FROM RECORD MAPS AND DOCUMENTS.
-ALL LOT LINES SHOWN HEREON ARE BASED ON THE OC LANDBASE. THEY ARE PLACED HEREON FOR REFERENCE PURPOSES ONLY AND ARE APPROXIMATE IN LOCATION.
-TREE INVENTORY TABLE SHOWN HEREON BASED ON SANTIAGO CREEK TREE INVENTORY REPORT, APPENDIX B, TREE INVENTORY MATRIX, PREPARED BY ENVIRONMENTAL SCIENCE ASSOCIATES DATED AUGUST 2025.

LEGEND	
SYMBOL	Tree
ABBREVIATION	DBH DIAMETER AT BREAST HEIGHT

			COUNTY OF ORANGE OC PUBLIC WORKS OC CONSTRUCTION/ SURVEY-FIELD SERVICES	
			SANTIAGO CREEK CHANNEL (E08) TREE SURVEY	
			TREE INVENTORY	
			PROJECT LIMITS: ALONG SANTIAGO CREEK CHANNEL FROM BRISTOL STREET	
			TO FLOWER STREET	
			DATE OF SURVEY: 06/09/2025	BY: BARAJAS & CREW
			MAPPING	BY: J. MARTINEZ
			OFFICE CHECK	BY: J. MORENO, PLS
			FIELD CHECK	BY: BARAJAS & CREW
			SCALE: N.T.S.	W.O. #ESC2000
			FILE: #2425PW-FP0002	
MARK	DATE	ITEM	REVISIONS	
			SHEET NO.	
			6 of 7	

POINT	DBH (in.)	Height (Ft.)	Health	Common_Name	Scientific_Name
228	16	48	C	Coast Live Oak	Quercus agrifolia
229	7, 9, 11, 8	48	C	Coast Live Oak	Quercus agrifolia
230	4	38	C	Brazilian Pepper Tree	Schinus terebinthifolia
231	9, 7, 7	43	C	Coast Live Oak	Quercus agrifolia
232	26, 4, 3, 3	46	C	Coast Live Oak	Quercus agrifolia
233	4, 3, 5	42	C	Coast Live Oak	Quercus agrifolia
234	3, 4, 5	42	C	Chinese Elm	Ulmus parvifolia
235	12, 17, 11, 7	25*	D	Black Walnut	Juglans nigra
236	12	30*	C	California Sycamore	Platanus racemosa
237	15	33	C	Chinese Elm	Ulmus parvifolia
238	20	45	C	Coast Live Oak	Quercus agrifolia
239	20	47	C	Coast Live Oak	Quercus agrifolia
240	24	45	C	Coast Live Oak	Quercus agrifolia
241	16	35	C	American Sweetgum	Liquidambar styraciflua
242	16	33	C	American Sweetgum	Liquidambar styraciflua
243	11, 15, 7	21	C	Coast Live Oak	Quercus agrifolia
244	22, 19, 15	26	C	Coast Live Oak	Quercus agrifolia
245	16	26	C	Coast Live Oak	Quercus agrifolia
246	9	21	C	Coast Live Oak	Quercus agrifolia
247	5	24	D	Coast Live Oak	Quercus agrifolia
248	19	28	C	Coast Live Oak	Quercus agrifolia
249	13	26	C	Coast Live Oak	Quercus agrifolia
250	7	22	D	Coast Live Oak	Quercus agrifolia
251	20, 8	21	C	Coast Live Oak	Quercus agrifolia
252	30	21	C	Coast Live Oak	Quercus agrifolia
253	8	22	C	Coast Live Oak	Quercus agrifolia
254	15, 16	20	C	Coast Live Oak	Quercus agrifolia
255	5	33	C	African Fern Pine	Afrocarpus falcatus
256	11	34	C	Coast Live Oak	Quercus agrifolia
257	16 est	32	C	Coast Live Oak	Quercus agrifolia
258	30	42	B	Coast Live Oak	Quercus agrifolia
259	4, 3, 2	28	C	Shamel Ash	Fraxinus uhdei
260	5, 4, 4	31	C	Shamel Ash	Fraxinus uhdei
261	7, 7 est	15*	C	Chinese Elm	Ulmus parvifolia
262	12, 10	33	B	Coast Live Oak	Quercus agrifolia
263	11	18	C	Coast Live Oak	Quercus agrifolia
264	19	36	C	Coast Live Oak	Quercus agrifolia
265	7	37	B	Blackwood Acacia	Acacia melanoxylon
266	7	15*	B	Blackwood Acacia	Acacia melanoxylon
267	6	35	B	Blackwood Acacia	Acacia melanoxylon
268	7	36	B	Blackwood Acacia	Acacia melanoxylon
269	4	43	B	Blackwood Acacia	Acacia melanoxylon
270	7	41	B	Blackwood Acacia	Acacia melanoxylon
271	7	42	B	Blackwood Acacia	Acacia melanoxylon
272	12	24*	B	Blackwood Acacia	Acacia melanoxylon
273	4, 6	20	C	Mock Orange	Murraya paniculata
274	5	38	D	Blackwood Acacia	Acacia melanoxylon
275	8	38	C	Blackwood Acacia	Acacia melanoxylon
276	19, 9, 22, 12, 10, 18	35	C	Weeping Fig	Ficus benjamina
277	13, 13	48	C	Weeping Fig	Ficus benjamina
278	8	33	C	Weeping Fig	Ficus benjamina
279	23	51	C	Fremont Cottonwood	Populus fremontii
280	28	59	C	Weeping Fig	Ficus benjamina
281	17	35*	C	Weeping Fig	Ficus benjamina
282	12	73	B	Mexican Fan Palm	Washingtonia robusta
283	8	14*	B	Indian Laurel Fig	Ficus microcarpa
284	10, 12	20*	C	Coast Live Oak	Quercus agrifolia
285	40 est	40*	D	Shamel Ash	Fraxinus uhdei
286	11	30*	C	Coast Live Oak	Quercus agrifolia
359-535	LOCATED BY SURVEY BUT NOT INCLUDED IN ARBORIST TREE REPORT				

* HEIGHT OF TREE EXTRACTED FROM OC SURVEY POINT CLOUD AUTOMATED EXTRACTIONS TOOLS



NOTES:
-THE AERIAL IMAGERY SHOWN IS BASED ON A UAV (UNMANNED AIR VEHICLE) SURVEY FLOWN ON MAY 21, 2025. THE AERIAL IMAGERY SHOWN IS APPROXIMATE AND PROVIDED FOR GENERAL REFERENCE ONLY. IT SHOULD BE USED SOLELY TO GRAPHICALLY ILLUSTRATE THE SURROUNDING AREA AND NOT FOR PRECISE MEASUREMENTS, BOUNDARY DETERMINATION, OR ENGINEERING PURPOSES.

-THE CONTOURS AND PLANIMETRIC FEATURES SHOWN WERE DERIVED FROM PHOTOGRAMMETRIC MAPPING PROVIDED BY JOHNSON-FRANK & ASSOCIATES TO THE U.S. ARMY CORP. OF ENGINEERING (USACE FILE: #CA-3061, USACE SHELF: 222). A TOPOGRAPHIC SURVEY WAS NOT PERFORMED BY THE COUNTY OF ORANGE OR INCLUDED WITHIN THE SCOPE OF THIS TREE SURVEY. THE CONTOURS AND PLANIMETRIC FEATURES SHOWN SHOULD ONLY BE USED FOR GRAPHICAL REFERENCE.

NOTES: (CONTINUED)
-A BOUNDARY SURVEY OR TITLE SEARCH WAS NOT PERFORMED. RIGHT OF WAY SHOWN WAS DERIVED FROM RECORD MAPS AND DOCUMENTS.

-ALL LOT LINES SHOWN HEREON ARE BASED ON THE OC LANDBASE. THEY ARE PLACED HEREON FOR REFERENCE PURPOSES ONLY AND ARE APPROXIMATE IN LOCATION.

-TREE INVENTORY TABLE SHOWN HEREON BASED ON SANTIAGO CREEK TREE INVENTORY REPORT, APPENDIX B, TREE INVENTORY MATRIX, PREPARED BY ENVIRONMENTAL SCIENCE ASSOCIATES DATED AUGUST 2025.

LEGEND	
SYMBOL	
	Tree
ABBREVIATION	
DBH	DIAMETER AT BREAST HEIGHT

U.S. Survey
Foot
OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping

		COUNTY OF ORANGE OC PUBLIC WORKS OC CONSTRUCTION/ SURVEY-FIELD SERVICES		
		SANTIAGO CREEK CHANNEL (E08) TREE SURVEY		
		TREE SURVEY		
		PROJECT LIMITS: ALONG SANTIAGO CREEK CHANNEL FROM BRISTOL STREET TO FLOWER STREET		
		DATE OF SURVEY:06/09/2025		SHEET NO. 7 of 7
		MAPPING		
		OFFICE CHECK		
		FIELD CHECK		
		SCALE: N.T.S.		
		MARK	DATE	ITEM
TREE SURVEY 2025.DWG				
W.O. #ESC2000		FILE # 2425PW-FP0002		
FILE: SANTIAGO CREEK TREE SURVEY 2025.DWG				