# 2411 GLASSELL STREET CITY OF ORANGE ORANGE COUNTY, CALIFORNIA TREE REPORT

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Signature
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## **Appendices**

Appendix A. Photo Compendium

#### **EXECUTIVE SUMMARY**

This summary addresses the findings and recommendations of this tree report. The following data and information provided to complete this report was collected in an honorable manner to comply with the City of Orange Tree Ordinance. Physical analysis of the parcel was completed to verify current site conditions and to evaluate the surrounding habitat and environment. Two hundred and eighty-two (282) trees were identified during the survey, this includes trees within the project location and within the city of Orange Right-of-Way (ROW). The tree species identified were Aleppo pine (*Pinus halepensis*), Chinese elm (*Ulmus parvifolia*), Canary Island date palm (*Phoenix canarensis*), and Peruvian pepper tree (*Schisnus molle*).

#### PROJECT OVERVIEW

The purpose of this tree report is to address trees located on 2411 Glassell Street (APN: 374-381-01 and 374-381-02) in the City of Orange in Orange County, California. This tree report was prepared to determine the deposition of the trees on the property in accordance with City of Orange Municipal Code. I also reviewed adjacent properties to see if protected trees or shrubs be impacted by the construction activities.

#### **Tree Retention and Preservation Efforts**

Avoidance and Minimization Measures:

This project has been designed to avoid impacting on-site biological resources by having the building footprint moved away from the tree root zone. If encroachment of the tree root zone is necessary, then Air spading technique used for excavation will be required.

Temporary Fencing will be installed to prevent impact to the Tree Root Zone.

This report complies with City of Orange Municipal Code which establishes protection of trees within the public right-of-way. Figure 2 provides the proposed site plan.

The following information is included in this report:

- Mapped location of all native trees of protected size.
- Identification of all trees subject to native tree protection
- A list of trees to be removed or preserved.
- A summary of tree replacement mitigation as required by City of Orange Municipal Code

#### **City of Orange Municipal Code**

The following excerpts provide guidance from City of Orange Municipal Code for tree removal permits:

The grantee shall not remove any tree or trim any portion, either above, at or below ground level, of any tree with any public place without the prior consent of the city. The city shall have the right to do the work with the actual cost thereof to be paid by the grantee. If such trimming is not performed by the city, the grantee shall be responsible for any and all damages to any tree as a result of trimming, or to land surround any tree, whether such tree is trimmed or removed.

#### FIELD METHODOLOGY

All trees were assessed by ISA certified arborist (WE-12191A) and CNPS certified botanist (CFB #0079) Rico Ramirez, on February 1, 2025 and April 18, 2025. The following steps were used to document each tree within the project site:

- Identified tree species.
- Documented Diameter at Standard Height (DSH).
- Recorded the location using a GPS unit with sub-meter accuracy.
- Photo-documented Mature trees.
- Evaluated overall tree health and physical structure.

The location and species identification of these mature trees were verified and included on **Table 1**.

#### TREE ASSESSMENT

There was a total of two hundred and eighty-two (282) trees evaluated during the site visit. Two Hundred and sixty-eight (268) trees are within the proposed project area, while thirteen (14) Aleppo pines (*Pinus halepensis*) trees are within the City of Orange Right-of-way.

Ninety-nine (99) Chinese elm trees (*Ulmus parvifolia*), eighty-eight (88) Canary island palms (*Phoenix canarensis*), Ninety-four (94) Aleppo pine (*Pinus halepensis*) and one (1) Peruvian pepper tree (*Schinus molle*). See **Table 1** for the tree profile. **Figure 3 and Figure 4** illustrates the location of these trees. All trees examined in this report have a tree trunk diameter of over 4 inches which meets the standard size to be considered a tree and not a sapling.

Longitude	Latitude	Common Name	Species	DSH (Inches)	Health	Insect Damage	Tree Height Estimate	Recommendations and comments
		Chinese	Ulmus	11	healthy	no	21_30_ft	small dead limbs
-117.8525029	33.82808527	Elm	parvifolia					
		Chinese	Ulmus	10	healthy	no	21_30_ft	small dead limbs
-117.8524305	33.8280837	Elm	parvifolia					
		Chinese	Ulmus	11.5	healthy	no	21_30_ft	small dead limbs
-117.8523537	33.82807887	Elm	parvifolia					
		Chinese	Ulmus	7.5	healthy	no	11_20_ft	small dead limbs
-117.8522148	33.82806495	Elm	parvifolia					
		Chinese	Ulmus	9.5	healthy	no	11_20_ft	small dead limbs
-117.8521488	33.8280534	Elm	parvifolia					
		Chinese	Ulmus	8	healthy	no	21_30_ft	small dead limbs
-117.8520083	33.82825434	Elm	parvifolia					
		Chinese	Ulmus	8	healthy	no	21_30_ft	small dead limbs
-117.8520654	33.82825814	Elm	parvifolia					
		Chinese	Ulmus	8	healthy	no	21_30_ft	small dead limbs
-117.8521117	33.82825667	Elm	parvifolia					
		Chinese	Ulmus	7	healthy	no	21_30_ft	small dead limbs
-117.8521909	33.82826534	Elm	parvifolia					
		Chinese	Ulmus	7.5	healthy	no	21_30_ft	small dead limbs
-117.8522776	33.82827228	Elm	parvifolia					
		Chinese	Ulmus	9	healthy	no	21_30_ft	small dead limbs
-117.8523403	33.82827661	Elm	parvifolia					
			Ulmus	8	healthy	no	21_30_ft	small dead limb,
		Chinese	parvifolia					ivy is starting to
-117.8524236	33.82827984	Elm						climb the tree
		Chinese	Ulmus	7.5	healthy	no	11_20_ft	small dead limb
-117.8524913	33.82828819	Elm	parvifolia					
		Chinese	Ulmus	7.5	healthy	no	11_20_ft	small dead limb
-117.8525612	33.82829004	Elm	parvifolia					
		Chinese	Ulmus	9	healthy	no	21_30_ft	small dead limbs,
-117.8526744	33.82850356	Elm	parvifolia					heavy lean 40°
		Chinese	Ulmus	8	healthy	yes	21_30_ft	small dead limbs
-117.8526	33.8285	Elm	parvifolia					ants on tree
		Chinese	Ulmus	8	healthy	yes	21_30_ft	small dead limbs
-117.8524717	33.82849167	Elm	parvifolia			_		ants on tree
		Chinese	Ulmus	8	healthy	yes	21_30_ft	small dead limbs
-117.852375	33.82848667	Elm	parvifolia					ants on tree, ivy

								is starting to
		CI :	7.77	10	1 1.1		21 20 6	climb the tree
117.050001	22 020 4000 5	Chinese	Ulmus	10	healthy	yes	21_30_ft	small dead limbs,
-117.8523201	33.82848096	Elm	parvifolia		1 1.1		11 20 6	ants on tree
		Chinese	Ulmus	7	healthy	yes	11_20_ft	small dead limbs,
-117.8522626	33.82848037	Elm	parvifolia				11.20.0	ants on tree
			Ulmus	7.5	healthy	yes	11_20_ft	small dead limbs,
		GI.	parvifolia					ants on tree, ivy
		Chinese						is starting to
-117.8522015	33.82847334	Elm	777		1 1.1		11 20 6	climb
			Ulmus	7.5	healthy	yes	11_20_ft	small dead limbs,
		GI.	parvifolia					ants on tree, ivy
		Chinese						is starting to
-117.8521233	33.82845667	Elm					11.20.0	climb
			Ulmus	7	healthy	yes	11_20_ft	small dead limbs,
		GI.	parvifolia					ants on tree, ivy
		Chinese						is starting to
-117.8520369	33.82845425	Elm					21 20 2	climb
		<b>~</b> .	Ulmus	8.5	healthy	yes	21_30_ft	small dead limbs,
		Chinese	parvifolia					ants on tree,
-117.8519945	33.82845444	Elm					21 20 2	leaning 40°
		Chinese	Ulmus	11	healthy	no	21_30_ft	small dead limbs
-117.8519633	33.82867019	Elm	parvifolia					
		Chinese	Ulmus	9	healthy	yes	21_30_ft	small dead limbs,
-117.8520144	33.82866292	Elm	parvifolia					ants on tree
			Ulmus	11	healthy	no	21_30_ft	small dead limbs,
		Chinese	parvifolia					ivy starting to
-117.8520547	33.82866627	Elm						climb
			Ulmus	11	healthy	no	21_30_ft	small dead limbs,
		Chinese	parvifolia					ivy starting to
-117.852098	33.82867492	Elm						climb
		Chinese	Ulmus	11	healthy	yes	21_30_ft	small dead limbs,
-117.8521705	33.82867865	Elm	parvifolia					ants on the tree
		Chinese	Ulmus	11	healthy	yes	21_30_ft	small dead limbs,
-117.852258	33.82869063	Elm	parvifolia					ants on the tree

		Chinese	Ulmus	10	healthy	yes	21_30_ft	small dead limbs,
-117.8523262	33.82868413	Elm	parvifolia					ants on the tree
		Chinese	Ulmus	10	healthy	yes	21_30_ft	small dead limbs,
-117.8524148	33.82868715	Elm	parvifolia					ants on the tree
		Chinese	Ulmus	10.5	healthy	yes	21_30_ft	small dead limbs,
-117.8524948	33.82869098	Elm	parvifolia					ants on the tree
		Chinese	Ulmus	10.5	healthy	yes	21_30_ft	small dead limbs,
-117.8525725	33.82869411	Elm	parvifolia					ants on the tree
		Chinese	Ulmus	11	healthy	no	21_30_ft	small dead limbs,
-117.852652	33.82870714	Elm	parvifolia					heavy lean 30°
		Chinese	Ulmus	13	healthy	yes	21_30_ft	small dead limbs,
-117.8526802	33.8289044	Elm	parvifolia					ants on the tree
		Chinese	Ulmus	11	healthy	yes	21_30_ft	small dead limbs,
-117.8526248	33.82891033	Elm	parvifolia					ants on the tree
		Chinese	Ulmus	9.5	healthy	yes	21_30_ft	small dead limbs,
-117.8525716	33.82890908	Elm	parvifolia					ants on the tree
		Chinese	Ulmus	11	healthy	yes	21_30_ft	small dead limbs,
-117.8525072	33.82890898	Elm	parvifolia					ants on the tree
		Chinese	Ulmus	10	healthy	yes	21_30_ft	small dead limbs,
-117.8524223	33.82891267	Elm	parvifolia					ants on the tree
		Chinese	Ulmus	10	healthy	yes	21_30_ft	small dead limbs,
-117.8523411	33.82890384	Elm	parvifolia					ants on the tree
		Chinese	Ulmus	10	healthy	yes	21_30_ft	small dead limbs,
-117.8522583	33.82889833	Elm	parvifolia					ants on the tree
		Chinese	Ulmus	9.5	healthy	yes	21_30_ft	small dead limbs,
-117.8521746	33.82889165	Elm	parvifolia					ants on the tree
			Ulmus	9.5	healthy	yes	21_30_ft	small dead limbs,
			parvifolia					ants on the tree,
		Chinese						ivy on tree,
-117.8520681	33.82887642	Elm						oozing wound
			Ulmus	10.5	healthy	yes	21_30_ft	small dead limbs,
		Chinese	parvifolia					ants on the tree,
-117.8519933	33.82887	Elm						ivy on tree
		Chinese	Ulmus	11	healthy	no	21_30_ft	small dead limbs
-117.8519181	33.82886063	Elm	parvifolia					

-117.8518246	33.82884529	Chinese Elm	Ulmus parvifolia	13	healthy	no	31_40_ft	small dead limbs
-117.8517344	33.82884154	Chinese Elm	Ulmus parvifolia	13	healthy	no	31_40_ft	small dead limbs
-117.8517433	33.82871833	Canary Island Palm	Phoenix canariensis	17	healthy	no	41_50_ft	none
-117.85179	33.82867664	Canary Island Palm	Phoenix canariensis	16.5	healthy	no	41_50_ft	none
-117.8518059	33.82862727	Canary Island Palm	Phoenix canariensis	16.5	healthy	no	41_50_ft	none
-117.8518262	33.82857813	Canary Island Palm	Phoenix canariensis	16.5	healthy	no	41_50_ft	none
-117.8518339	33.82852898	Canary Island Palm	Phoenix canariensis	22	healthy	no	41_50_ft	none
-117.8518455	33.82847819	Canary Island Palm	Phoenix canariensis	20	healthy	no	41_50_ft	none
-117.851852	33.82843094	Canary Island Palm	Phoenix canariensis	18.5	healthy	no	41_50_ft	none
-117.8518405	33.82838879	Canary Island Palm	Phoenix canariensis	17	healthy	no	41_50_ft	none
-117.8518441	33.82833981	Canary Island Palm	Phoenix canariensis	17	healthy	no	41_50_ft	none
-117.8518346	33.8282976	Canary Island Palm	Phoenix canariensis	16	healthy	no	41_50_ft	none

		Canary	Phoenix	17	healthy	no	41_50_ft	none
		Island	canariensis	1 /	ilcarriy	110	41_30_1t	Hone
-117.8518192	33.82823954	Palm						
117,10010192		Canary	Phoenix	23	healthy	no	41_50_ft	none
		Island	canariensis					
-117.8517833	33.82817241	Palm						
		Canary	Phoenix	23	healthy	no	41_50_ft	none
		Island	canariensis					
-117.8517633	33.82813952	Palm						
		Canary	Phoenix	23	healthy	no	41_50_ft	none
		Island	canariensis					
-117.8517267	33.828095	Palm						
		Canary	Phoenix	24	healthy	no	41_50_ft	none
		Island	canariensis					
-117.8516885	33.82805167	Palm	DI I	2.4	1 1.1		41.50.6	
		Canary	Phoenix .	24	healthy	no	41_50_ft	none
117 0516564	22 92900427	Island Palm	canariensis					
-117.8516564	33.82800427		Phoenix	23	healthy		41_50_ft	<b>n</b> ono
		Canary Island	canariensis	23	nearmy	no	41_30_11	none
-117.851618	33.82797624	Palm	canariensis					
-117.031010	33.82191024	Canary	Phoenix	17	healthy	no	41_50_ft	none
		Island	canariensis	17	ilcarriy	110	41_30_1t	none
-117.8515706	33.82793713	Palm	canariensis					
117.0313700	33.02773713	Canary	Phoenix	23	healthy	no	41_50_ft	none
		Island	canariensis					
-117.8515971	33.82795778	Palm						
		Canary	Phoenix	18	healthy	no	41_50_ft	none
		Island	canariensis					
-117.851521	33.8278899	Palm						
		Canary	Phoenix	17.5	healthy	no	41_50_ft	none
		Island	canariensis					
-117.8514665	33.8278744	Palm						
		Canary	Phoenix	19	healthy	no	41_50_ft	none
		Island	canariensis					
-117.8514169	33.82785226	Palm						

-117.8513777	33.82783127	Canary Island Palm	Phoenix canariensis	17.5	healthy	no	41_50_ft	none
-117.8513205	33.82780677	Canary Island Palm	Phoenix canariensis	17.5	healthy	no	41_50_ft	none
-117.852777	33.82789792	Canary Island Palm	Phoenix canariensis	14	healthy	no	41_50_ft	none
-117.852717	33.82790438	Canary Island Palm	Phoenix canariensis	17	healthy	no	41_50_ft	none
-117.8526559	33.82789715	Canary Island Palm	Phoenix canariensis	18	healthy	no	41_50_ft	none
-117.8525919	33.82789588	Canary Island Palm	Phoenix canariensis	18	healthy	no	41_50_ft	none
-117.8525284	33.82787919	Canary Island Palm	Phoenix canariensis	20	healthy	no	41_50_ft	none
-117.8524424	33.82787488	Canary Island Palm	Phoenix canariensis	19	healthy	no	41_50_ft	none
-117.8523767	33.82786722	Canary Island Palm	Phoenix canariensis	16	healthy	no	41_50_ft	none
-117.8523099	33.82786452	Canary Island Palm	Phoenix canariensis	17	healthy	no	41_50_ft	none
-117.8522452	33.8278635	Canary Island Palm	Phoenix canariensis	15	healthy	no	41_50_ft	none
-117.8521864	33.82785652	Canary Island Palm	Phoenix canariensis	15	healthy	no	41_50_ft	none

-117.8521274	33.82785763	Canary Island Palm	Phoenix canariensis	17	healthy	no	41_50_ft	none
-117.8520603	33.82784752	Canary Island Palm	Phoenix canariensis	23	healthy	no	41_50_ft	none
-117.8520726	33.82774937	Canary Island Palm	Phoenix canariensis	16	healthy	no	41_50_ft	none
-117.8521229	33.82775343	Canary Island Palm	Phoenix canariensis	16	healthy	no	41_50_ft	none
-117.8521848	33.82775891	Canary Island Palm	Phoenix canariensis	15.5	healthy	no	41_50_ft	none
-117.8522517	33.82777167	Canary Island Palm	Phoenix canariensis	0	dead	no		Tree was removed
-117.8523083	33.82776519	Canary Island Palm	Phoenix canariensis	15.5	healthy	no	41_50_ft	none
-117.8523909	33.82777598	Canary Island Palm	Phoenix canariensis	18	healthy	no	41_50_ft	none
-117.8524573	33.82778763	Canary Island Palm	Phoenix canariensis	17	healthy	no	41_50_ft	none
-117.8525197	33.82778672	Canary Island Palm	Phoenix canariensis	19	healthy	no	41_50_ft	none
-117.8525846	33.82778685	Canary Island Palm	Phoenix canariensis	18	healthy	no	41_50_ft	none
-117.8526444	33.82779894	Canary Island Palm	Phoenix canariensis	18	healthy	no	41_50_ft	none

-117.8527082	33.82779901	Canary Island Palm	Phoenix canariensis	17	healthy	no	41_50_ft	none
-117.8527653	33.82780106	Canary Island Palm	Phoenix canariensis	18	healthy	no	41_50_ft	none
-117.8527717	33.82769237	Canary Island Palm	Phoenix canariensis	18	healthy	no	41_50_ft	none
-117.8526523	33.82769813	Canary Island Palm	Phoenix canariensis	18	healthy	no	41_50_ft	none
-117.8525888	33.82769072	Canary Island Palm	Phoenix canariensis	22	healthy	no	41_50_ft	none
-117.8525289	33.82768244	Canary Island Palm	Phoenix canariensis	20	healthy	no	41_50_ft	none
-117.8524603	33.82767867	Canary Island Palm	Phoenix canariensis	19	healthy	no	41_50_ft	none
-117.8524003	33.82767414	Canary Island Palm	Phoenix canariensis	17	healthy	no	41_50_ft	none
-117.8523442	33.82767601	Canary Island Palm	Phoenix canariensis	19	healthy	no	41_50_ft	none
-117.8522704	33.82767356	Canary Island Palm	Phoenix canariensis	20	healthy	no	41_50_ft	none
-117.8521989	33.82766882	Canary Island Palm	Phoenix canariensis	19	healthy	no	41_50_ft	none
-117.8521248	33.82766218	Canary Island Palm	Phoenix canariensis	18	healthy	no	41_50_ft	none

-117.8520708	33.82765923	Canary Island Palm	Phoenix canariensis	22	healthy	no	41_50_ft	none
117.0320700	33.02703723	Chinese	Ulmus	9	healthy	yes	11_20_ft	small dead limbs,
-117.8503433	33.82792915	Elm	parvifolia			<i>J</i>		ants on tree
		Chinese	Ulmus	8	healthy	yes	11_20_ft	small dead limbs,
-117.850296	33.82791723	Elm	parvifolia			,		ants on tree
		Chinese	Ulmus	9	healthy	yes	11_20_ft	small dead limbs,
-117.8502212	33.82791649	Elm	parvifolia			•		ants on tree
		Chinese	Ulmus	8	healthy	yes	11_20_ft	small dead limbs,
-117.8501484	33.8279107	Elm	parvifolia			·		ants on tree
		Chinese	Ulmus	8	healthy	yes	11_20_ft	small dead limbs,
-117.8500836	33.82789717	Elm	parvifolia					ants on tree
		Chinese	Ulmus	9.5	healthy	yes	11_20_ft	small dead limbs,
-117.8500161	33.82789734	Elm	parvifolia					ants on tree
		Chinese	Ulmus	11	healthy	yes	21_30_ft	small dead limbs,
-117.8497283	33.82808333	Elm	parvifolia					ants on tree
		Chinese	Ulmus	9	healthy	yes	21_30_ft	small dead limbs,
-117.8497923	33.82809136	Elm	parvifolia					ants on tree
		Chinese	Ulmus	9	healthy	yes	21_30_ft	small dead limbs,
-117.8498473	33.82809485	Elm	parvifolia					ants on tree
		Chinese	Ulmus	9	healthy	yes	21_30_ft	small dead limbs,
-117.8499097	33.82809811	Elm	parvifolia					ants on tree
		Chinese	Ulmus	7	healthy	yes	21_30_ft	small dead limbs,
-117.8499989	33.82810471	Elm	parvifolia					ants on tree
		Chinese	Ulmus	7	healthy	yes	21_30_ft	small dead limbs,
-117.8500795	33.82810946	Elm	parvifolia					ants on tree
		Chinese	Ulmus	8	healthy	yes	11_20_ft	small dead limbs,
-117.8501184	33.82810963	Elm	parvifolia					ants on tree
		Chinese	Ulmus	7	healthy	yes	11_20_ft	small dead limbs,
-117.8501913	33.82811252	Elm	parvifolia					ants on tree
		Chinese	Ulmus	7.5	healthy	yes	11_20_ft	small dead limbs,
-117.8501675	33.82830951	Elm	parvifolia					ants on tree
		Chinese	Ulmus	7	healthy	yes	11_20_ft	small dead limbs,
-117.850126	33.82831628	Elm	parvifolia					ants on tree

44=0=00		Chinese	Ulmus	7	healthy	yes	11_20_ft	small dead limbs,
-117.8500685	33.82831599	Elm	parvifolia		1 1.1		11 00 0	ants on tree
		Chinese	Ulmus	8	healthy	yes	11_20_ft	small dead limbs,
-117.8499885	33.82830996	Elm	parvifolia					ants on tree
		Chinese	Ulmus	7.5	healthy	yes	11_20_ft	small dead limbs,
-117.84991	33.82829613	Elm	parvifolia					ants on tree
		Chinese	Ulmus	3	healthy	yes	1_10_ft	small dead limbs,
-117.8498329	33.82829628	Elm	parvifolia					ants on tree
		Chinese	Ulmus	7	healthy	yes	11_20_ft	small dead limbs,
-117.8497617	33.828285	Elm	parvifolia					ants on tree
		Chinese	Ulmus	7	healthy	yes	11_20_ft	small dead limbs,
-117.8497083	33.82828667	Elm	parvifolia					ants on tree
		Chinese	Ulmus	7	healthy	yes	11_20_ft	small dead limbs,
-117.849637	33.82828159	Elm	parvifolia					ants on tree
		Chinese	Ulmus	8.5	healthy	yes	11_20_ft	small dead limbs,
-117.849591	33.82827408	Elm	parvifolia					ants on tree
		Chinese	Ulmus	7	healthy	yes	11_20_ft	small dead limbs,
-117.8495469	33.82847702	Elm	parvifolia					ants on tree
		Chinese	Ulmus	8.5	healthy	yes	21_30_ft	small dead limbs,
-117.8495967	33.828475	Elm	parvifolia					ants on tree
		Chinese	Ulmus	7.5	healthy	yes	11_20_ft	small dead limbs,
-117.84967	33.828485	Elm	parvifolia			•		ants on tree
		Chinese	Ulmus	7	healthy	yes	11_20_ft	small dead limbs,
-117.8497326	33.82849155	Elm	parvifolia			·		ants on tree
		Chinese	Ulmus	7.5	healthy	yes	11_20_ft	small dead limbs,
-117.8498139	33.82849334	Elm	parvifolia			•		ants on tree
		Chinese	Ulmus	3	healthy	yes	1_10_ft	small dead limbs,
-117.849889	33.82849714	Elm	parvifolia			•		ants on tree
		Chinese	Ulmus	7	healthy	yes	11_20_ft	small dead limbs,
-117.849955	33.82850333	Elm	parvifolia			<b>J</b>		ants on tree
		Chinese	Ulmus	6	healthy	yes	1_10_ft	small dead limbs,
-117.8500226	33.82850957	Elm	parvifolia	~		<i>J</i>		ants on tree
	32.0230007	Chinese	Ulmus	7	healthy	yes	11_20_ft	small dead limbs,
-117.8500768	33.82851125	Elm	parvifolia	,	licardity	<i>y</i> 00	11_20_10	ants on tree
117.02.007.00	23.02021123	Chinese	Ulmus	7.5	healthy	yes	11_20_ft	small dead limbs,
-117.8501436	33.82851691	Elm	parvifolia	, .5	iicaidi j	<i>y</i> 0.5	11_20_10	ants on tree
117.0501750	33.02031031	Liii	parrijona					and on tree

		Chinese	Ulmus	8	healthy	yes	11_20_ft	small dead limbs,
-117.8500682	33.82871637	Elm	parvifolia					ants on tree
		Chinese	Ulmus	7	healthy	yes	11_20_ft	small dead limbs,
-117.849974	33.82871105	Elm	parvifolia					ants on tree
		Chinese	Ulmus	7	healthy	yes	11_20_ft	small dead limbs,
-117.8499195	33.82870555	Elm	parvifolia					ants on tree
		Chinese	Ulmus	6.5	healthy	yes	11_20_ft	small dead limbs,
-117.8498564	33.82870226	Elm	parvifolia					ants on tree
		Chinese	Ulmus	8.5	healthy	yes	11_20_ft	small dead limbs,
-117.8497967	33.8287	Elm	parvifolia					ants on tree
		Chinese	Ulmus	8	healthy	yes	11_20_ft	small dead limbs,
-117.8497209	33.82869008	Elm	parvifolia					ants on tree
		Chinese	Ulmus	8	healthy	yes	11_20_ft	small dead limbs,
-117.8496293	33.82868432	Elm	parvifolia					ants on tree
		Chinese	Ulmus	8.5	healthy	yes	11_20_ft	small dead limbs,
-117.8495686	33.82868538	Elm	parvifolia					ants on tree
		Chinese	Ulmus	8.5	healthy	yes	11_20_ft	small dead limbs,
-117.8495017	33.82867833	Elm	parvifolia					ants on tree
		Chinese	Ulmus	12	healthy	yes	11_20_ft	small dead limbs,
-117.8494511	33.82866981	Elm	parvifolia					ants on tree
		Allepo	Pinus	22	healthy		31_40_ft	none
-117.8494845	33.82854108	Pine	halepensis					
		Canary	Phoenix	18	healthy	no	41_50_ft	none
		Island	canariensis					
-117.8503316	33.82861183	Palm						
		Canary	Phoenix	18	healthy	no	41_50_ft	none
		Island	canariensis					
-117.8503237	33.82854412	Palm						
		Canary	Phoenix	19	healthy	no	41_50_ft	none
		Island	canariensis					
-117.8503122	33.82848675	Palm						
		Canary	Phoenix	22	healthy	no	41_50_ft	none
		Island	canariensis					
-117.8503107	33.82845667	Palm						

-117.8503187	33.82840488	Canary Island Palm	Phoenix canariensis	20	healthy	no	41_50_ft	none
-117.850322	33.82834857	Canary Island Palm	Phoenix canariensis	20	healthy	no	41_50_ft	none
-117.8503324	33.82829959	Canary Island Palm	Phoenix canariensis	21	healthy	no	41_50_ft	none
-117.8503363	33.82825349	Canary Island Palm	Phoenix canariensis	21	healthy	no	41_50_ft	none
-117.8503426	33.82820235	Canary Island Palm	Phoenix canariensis	21	healthy	no	41_50_ft	none
-117.8503661	33.82815818	Canary Island Palm	Phoenix canariensis	21	healthy	no	41_50_ft	none
-117.8503978	33.82812748	Canary Island Palm	Phoenix canariensis	21	healthy	no	41_50_ft	none
-117.8504698	33.82810481	Peruvian Pepper	Schinus molle	19,13	healthy	no	21_30_ft	compacted soil
-117.850425	33.82808031	Canary Island Palm	Phoenix canariensis	21	healthy	no	41_50_ft	none
-117.850444	33.82804557	Canary Island Palm	Phoenix canariensis	22	healthy	no	41_50_ft	none
-117.8504721	33.82802149	Canary Island Palm	Phoenix canariensis	22	healthy	no	41_50_ft	none
-117.8505141	33.82797788	Canary Island Palm	Phoenix canariensis	22	healthy	no	41_50_ft	none

		Canary	Phoenix	22	healthy	no	41_50_ft	nono
		Island	canariensis	22	Healthy	no	41_30_11	none
-117.8505508	33.82794026	Palm	canariensis					
-117.8303308	33.82194020	Canary	Phoenix	22	healthy	no	41_50_ft	none
		Island	canariensis	22	incarriiy	110	41_30_1t	none
-117.8505907	33.82791509	Palm	canariensis					
-117.0303707	33.02771307	Canary	Phoenix	20	healthy	no	41_50_ft	none
		Island	canariensis	20	Healthy	110	41_30_1t	none
-117.8506314	33.82789102	Palm	canariensis					
117.0300314	33.02707102	Canary	Phoenix	20	healthy	no	41_50_ft	none
		Island	canariensis	20	Healthy	110	11_30_10	none
-117.8506732	33.82786646	Palm	Cuntiliterists					
117.0300732	33.02700010	Canary	Phoenix	20	healthy	no	41_50_ft	none
		Island	canariensis	20	licarity	110	11_50_10	none
-117.8507304	33.82783572	Palm						
117.0007001	00.02700072	Canary	Phoenix	20	healthy	no	41_50_ft	none
		Island	canariensis					
-117.8507888	33.82781037	Palm						
		Canary	Phoenix	20	healthy	no	41_50_ft	none
		Island	canariensis					
-117.8508421	33.82779631	Palm						
		Canary	Phoenix	17	healthy	no	41_50_ft	none
		Island	canariensis					
-117.8509059	33.82778327	Palm						
		Canary	Phoenix	17	healthy	no	41_50_ft	none
		Island	canariensis					
-117.8509528	33.82777868	Palm						
		Canary	Phoenix	17	healthy	no	41_50_ft	none
		Island	canariensis					
-117.8510067	33.82776	Palm						
		Canary	Phoenix	18	healthy	no	41_50_ft	none
		Island	canariensis					
-117.851085	33.82776	Palm						
		Canary	Phoenix	18	healthy	no	41_50_ft	none
		Island	canariensis					
-117.8511267	33.82776	Palm						

		Canary Island	Phoenix canariensis	22	healthy	no	41_50_ft	none
-117.8511724	33.82776609	Palm						
		Canary	Phoenix	19	healthy	no	41_50_ft	none
		Island	canariensis					
-117.851255	33.82777833	Palm						
		Chinese	Ulmus	16	healthy	yes	21_30_ft	small dead limbs,
-117.8505267	33.827744	Elm	parvifolia					ants on tree
		Chinese	Ulmus	13	healthy	yes	21_30_ft	small dead limbs,
-117.8504683	33.82773333	Elm	parvifolia					ants on tree
		Chinese	Ulmus	14	healthy	yes	21_30_ft	small dead limbs,
-117.850385	33.82773	Elm	parvifolia					ants on tree
		Chinese	Ulmus	14	healthy	yes	21_30_ft	small dead limbs,
-117.8503183	33.82772167	Elm	parvifolia					ants on tree
		Chinese	Ulmus	14	healthy	yes	21_30_ft	small dead limbs,
-117.8502349	33.82771513	Elm	parvifolia					ants on tree
		Chinese	Ulmus	14.5	healthy	yes	21_30_ft	small dead limbs,
-117.8501117	33.82772167	Elm	parvifolia			·		ants on tree
			Pinus	16	healthy	no	41_50_ft	Located at the
			halepensis					boarder of City
		Aleppo	-					ROW and
-117.8528258	33.82909383	Pine						Rexford parcel
			Pinus	15	healthy	no	41_50_ft	Located at the
			halepensis					boarder of City
		Aleppo	-					ROW and
-117.8528383	33.82893333	Pine						Rexford parcel
			Pinus	15	healthy	no	41_50_ft	Located at the
			halepensis					boarder of City
		Aleppo	-					ROW and
-117.8528517	33.82884	Pine						Rexford parcel
			Pinus	24	healthy	no	41_50_ft	Located at the
			halepensis		-			boarder of City
		Aleppo	-					ROW and
-117.8528408	33.82878926	Pine						Rexford parcel
		Aleppo	Pinus	15	hazard	no	41_50_ft	Located at the
-117.8528233	33.82878	Pine	halepensis					boarder of City

								ROW and
			D.	1.0			44.50.6	Rexford parcel
			Pinus	18	hazard	no	41_50_ft	Located at the
		. 1	halepensis					boarder of City
		Aleppo						ROW and
-117.8528326	33.82873426	Pine	5.	4.0			11 70 0	Rexford parcel
			Pinus	18	healthy	no	41_50_ft	Located at the
			halepensis					boarder of City
		Aleppo						ROW and
-117.852825	33.8287	Pine					11 70 0	Rexford parcel
			Pinus	18	healthy	no	41_50_ft	Located at the
			halepensis					boarder of City
		Aleppo						ROW and
-117.852815	33.82868167	Pine						Rexford parcel
			Pinus	18	hazard	no	41_50_ft	Located at the
			halepensis					boarder of City
		Aleppo						ROW and
-117.8528199	33.82853939	Pine						Rexford parcel
			Pinus	21	healthy	no	41_50_ft	Located at the
			halepensis					boarder of City
		Aleppo						ROW and
-117.852818	33.82851639	Pine						Rexford parcel
			Pinus	13	healthy	no	41_50_ft	Located at the
			halepensis					boarder of City
		Aleppo						ROW and
-117.8528433	33.82849	Pine						Rexford parcel
			Pinus	15	healthy	no	41_50_ft	Located at the
			halepensis					boarder of City
		Aleppo						ROW and
-117.8528086	33.82847178	Pine						Rexford parcel
			Pinus	16	healthy	no	41_50_ft	Located at the
			halepensis					boarder of City
		Aleppo						ROW and
-117.852839	33.82846265	Pine						Rexford parcel
		Aleppo	Pinus	16	hazard	no	41_50_ft	Located at the
-117.8528019	33.82845122	Pine	halepensis					boarder of City

Pinus halepensis   Pinus halepen									ROW and
Aleppo -117.8528264 33.82842675 Pine  Pinus Aleppo -117.8528005 33.82839538 Pine  Pinus -117.8528149 33.82835847 Pine  Pinus -117.8528149 33.82835847 Pine  Pinus -117.852807 33.82832607 Pine  Pinus -117.8528267 33.82829833 Pine  Pinus -117.8528267 33.82829833 Pine  Pinus -117.8528267 Pine -11				D.	177	1 1,1		41.70.6	
Aleppo					1 /	nealtny	no	41_50_π	
Pine			A 1	naiepensis					
Pinus halepensis  Aleppo -117.8528005 33.82839538 Pine  Pinus halepensis  Pinus halepensis  Pinus halepensis  Pinus halepensis  Aleppo -117.8528149 33.82835847 Pine  Pinus halepensis  Aleppo -117.852807 33.82832607 Pine  Pinus halepensis  Aleppo -117.852807 33.82832807 Pine  Pinus halepensis  Aleppo -117.8528267 33.82829833 Pine  Pinus halepensis									
Aleppo Pine  Pinus Aleppo Aleppo Pine  Pinus Aleppo Aleppo Pine  Pinus Aleppo Aleppo Pine  Pinus Aleppo Aleppo Aleppo Aleppo Pine  Pinus Aleppo Aleppo Aleppo Aleppo Aleppo Pine  Pinus Aleppo Alepp	-117.8528264	33.82842675	Pine						•
Aleppo -117.852807 33.82839838 Pine  Aleppo -117.8528267 33.82829833 Pine  Aleppo -117.8528267 33.82829833 Pine  Aleppo -117.8528267 33.82829833 Pine  Aleppo -117.8528267 33.82829833 Pine  Aleppo -117.8528267 Aleppo -117.8528267 33.82829833 Pine  Aleppo -117.8528267 Aleppo -117.8528267 Aleppo -117.8528267 33.82829833 Pine  Aleppo -117.8528267 A					13	healthy	no	41_50_ft	
-117.8528005 33.82839538 Pine  Pinus Aleppo -117.8528149 33.82835847 Pine  Pinus Aleppo -117.852807 33.82832607 Pine  Pinus Aleppo -117.8528267 33.82829833 Pine  Pinus Aleppo Pinus Aleppo Pinus Aleppo -117.8528267 33.82829833 Pine  Pinus Aleppo Aleppo Pinus Aleppo Aleppo -117.8528267 33.82829833 Pine  Pinus Aleppo Aleppo Aleppo Aleppo Aleppo Aleppo -117.8528267 33.82829833 Pine  Pinus Aleppo				halepensis					
Aleppo -117.8528149 33.82835847 Pine  Pinus halepensis  Aleppo -117.8528149 33.82835847 Pine  Pinus halepensis  Aleppo -117.852807 33.82832607 Pine  Pinus halepensis  Aleppo -117.8528267 33.82829833 Pine  Pinus halepensis  Aleppo -117.8528267 33.82829833 Pine  Pinus halepensis  Pinus halepensis  Aleppo -117.8528267 Aleppo -117.8528267 33.82829833 Pine  Pinus halepensis  Pinus halepensis  Pinus halepensis  Aleppo -117.8528267 33.82829833 Pine  Pinus halepensis  Pinus halepensis  Pinus halepensis  Pinus halepensis									
Aleppo -117.8528149 33.82835847 Pine  Pinus Aleppo -117.852807 33.82832607 Pine  Pinus Aleppo -117.852807 33.82832607 Pine  Pinus Aleppo -117.8528267 33.82829833 Pine  Pinus Aleppo -117.8528267 33.82829833 Pine  Pinus Aleppo -117.8528267 Aleppo -	-117.8528005	33.82839538	Pine						
Aleppo -117.8528149 33.82835847 Pine  Pinus Aleppo -117.852807 33.82832607 Pine  Pinus Aleppo -117.852807 33.82832607 Pine  Pinus Aleppo -117.8528267 33.82829833 Pine  Pinus Aleppo -117.8528267 33.82829833 Pine  Pinus Aleppo -117.8528267 Aleppo -117.8528267 33.82829833 Pine  Pinus Aleppo -117.8528267 Alep					16	hazard	no	41_50_ft	
-117.8528149 33.82835847 Pine  Pinus Halepensis  Aleppo Pinus Halepensis  Aleppo Pinus Halepensis  Aleppo Pinus Halepensis  Pinus Halepensis Halepensis  Pinus Halepensis Ha				halepensis					
Pinus halepensis  Aleppo -117.852807 33.82832607 Pine  Pinus halepensis  Aleppo Aleppo -117.8528267 33.82829833 Pine  Pinus halepensis  Aleppo -117.8528267 33.82829833 Pine  Pinus halepensis Aleppo -117.8528267 13.82829833 Pine  Pinus halepensis Aleppo -13, 13 hazard no 41_50_ft Located at the boarder of City ROW and Rexford parcel -13, 13 hazard no 41_50_ft Located at the boarder of City -14, 150_ft Located at the boarder of City -15, 15, 15, 15, 15, 15, 15, 15, 15, 15,									
Aleppo -117.852807 33.82832607 Pine  Pinus Aleppo -117.8528267 33.82829833 Pine  Pinus Aleppo Pinus Aleppo -117.8528267 13.82829833 Pine  Pinus Aleppo Pinus Alepoo Pinus Aleppo Pinus Aleppo Aleppo Boarder of City Aleppo Alepoo Boarder of City Aleppo Boarder of City Boarder of City Aleppo Boarder of City Boarder of	-117.8528149	33.82835847	Pine						Rexford parcel
Aleppo Pine  Pinus 15 healthy no 41_50_ft Located at the boarder of City ROW and Rexford parcel  Aleppo ROW and Rexford parcel  Aleppo ROW and Rexford parcel  Pinus Aleppo ROW and Rexford parcel  Pinus 13, 13 hazard no 41_50_ft Located at the boarder of City  Row and Rexford parcel  Pinus 13, 13 hazard no 41_50_ft Located at the boarder of City				Pinus	17	healthy	no	41_50_ft	
-117.852807 33.82832607 Pine  Pinus  Aleppo -117.8528267 33.82829833 Pine  Pinus Aleppo -117.8528267 Pinus -117.852826				halepensis					boarder of City
Pinus halepensis  Aleppo -117.8528267 33.82829833 Pine  Pinus halepensis  Pinus halepensis  15 healthy no 41_50_ft Located at the boarder of City ROW and Rexford parcel  Pinus halepensis  13, 13 hazard no 41_50_ft Located at the boarder of City			Aleppo						ROW and
halepensis  Aleppo -117.8528267 33.82829833 Pine  Pinus halepensis  13, 13 hazard halepensis  boarder of City ROW and Rexford parcel 13, 13 hazard halepensis boarder of City boarder of City	-117.852807	33.82832607	Pine						Rexford parcel
Aleppo -117.8528267 33.82829833 Pine  Pinus Pinus halepensis  Aleppo Pinus 13, 13 hazard no 41_50_ft boarder of City				Pinus	15	healthy	no	41_50_ft	Located at the
-117.8528267 33.82829833 Pine Rexford parcel  Pinus 13, 13 hazard no 41_50_ft Located at the boarder of City				halepensis					boarder of City
Pinus 13, 13 hazard no 41_50_ft Located at the boarder of City			Aleppo	_					ROW and
Pinus 13, 13 hazard no 41_50_ft Located at the boarder of City	-117.8528267	33.82829833	Pine						Rexford parcel
· · · · · · · · · · · · · · · · · · ·				Pinus	13, 13	hazard	no	41_50_ft	
				halepensis					boarder of City
Aleppo   ROW and			Aleppo	1					ROW and
-117.8528146 33.82827295 Pine Rexford parcel	-117.8528146	33.82827295							Rexford parcel
Pinus 13 healthy no 21_30_ft Located at the				Pinus	13	healthy	no	21 30 ft	Located at the
halepensis boarder of City				halepensis					boarder of City
Aleppo ROW and			Aleppo	1					-
-117.8528333 33.82823833 Pine Rexford parcel	-117.8528333	33.82823833							
Pinus 16 healthy no 21_30_ft Located at the				Pinus	16	healthy	no	21 30 ft	
halepensis boarder of City					-				
Aleppo ROW and			Alenno	F					-
-117.8527965 33.82823188 Pine Rexford parcel	-117.8527965	33.82823188							
Aleppo Pinus 13 healthy no 21_30_ft Located at the	217.3027700	22.02020100		Pinus	13	healthy	no	21 30 ft	•
-117.8528392 33.82820797 Pine <i>halepensis</i> boarder of City	-117.8528392	33.82820797			10	nearing	110	21_55_1	

								ROW and
			D.	1.1	1 1.1		21 20 6	Rexford parcel
			Pinus	11	healthy	no	21_30_ft	Located at the
		. 1	halepensis					boarder of City
		Aleppo						ROW and
-117.8528183	33.82819833	Pine						Rexford parcel
			Pinus	15	healthy	no	21_30_ft	Located at the
			halepensis					boarder of City
		Aleppo						ROW and
-117.85281	33.82817	Pine						Rexford parcel
			Pinus	14	healthy	no	21_30_ft	Located at the
			halepensis					boarder of City
		Aleppo						ROW and
-117.8528233	33.82815833	Pine						Rexford parcel
			Pinus	22	hazard	no	31_40_ft	Located at the
			halepensis					boarder of City
		Aleppo						ROW and
-117.8528207	33.828146	Pine						Rexford parcel
			Pinus	16	healthy	no	31_40_ft	Located at the
			halepensis					boarder of City
		Aleppo						ROW and
-117.8528471	33.82813265	Pine						Rexford parcel
			Pinus	22	healthy	no	31_40_ft	Located at the
			halepensis		-			boarder of City
		Aleppo	-					ROW and
-117.852815	33.82811	Pine						Rexford parcel
			Pinus	21	healthy	no	31_40_ft	Located at the
			halepensis					boarder of City
		Aleppo	1					ROW and
-117.8528168	33.82807476	Pine						Rexford parcel
			Pinus	19	hazard	no	31_40_ft	Located at the
			halepensis					boarder of City
		Aleppo	1					ROW and
-117.8528317	33.82803333	Pine						Rexford parcel
		Aleppo	Pinus	16	healthy	no	31_40_ft	Located at the
-117.8528133	33.82801667	Pine	halepensis					boarder of City

								ROW and
			Pinus	14	h a althr		31_40_ft	Rexford parcel Located at the
			halepensis	14	healthy	no	31_40_11	boarder of City
		Aleppo	natepensis					ROW and
117.0520202	33.82800167	Pine						Rexford parcel
-117.8528283	33.82800107	Fille	Pinus	18	hazard		21 40 6	Located at the
			halepensis	18	Hazaru	no	31_40_ft	boarder of City
		Alamma	naiepensis					ROW and
117.0520077	22 02000022	Aleppo Pine						Rexford parcel
-117.8528067	33.82800833	Pine	Pinus	16	la a a lálas y		21 40 6	Located at the
				10	healthy	no	31_40_ft	
		A 1	halepensis					boarder of City
117.0520202	22.02700667	Aleppo Pine						ROW and
-117.8528383	33.82799667	Pine	Pinus	15	la a a lálas y		21 40 6	Rexford parcel
				15	healthy	no	31_40_ft	Located at the
		A 1	halepensis					boarder of City
117.052005	22 027005	Aleppo Pine						ROW and
-117.852805	33.827985	Pille	Pinus	20	hazard		21 40 6	Rexford parcel Located at the
			1 11111	20	nazard	no	31_40_ft	
		A 1	halepensis					boarder of City ROW and
117.0507017	22.020025	Aleppo Pine						
-117.8527917	33.828025	Pine	D.	1.6	1 1.1		41.70.6	Rexford parcel
			Pinus	16	healthy	no	41_50_ft	Located at the
		A 1	halepensis					boarder of City
117.0506414	22.02012706	Aleppo						ROW and
-117.8526414	33.82912706	Pine	D.	1.6	1 1.1		41.70.6	Rexford parcel
			Pinus	16	healthy	no	41_50_ft	Located at the
		A 1	halepensis					boarder of City
1150505501	22 0204 470	Aleppo						ROW and
-117.8525521	33.8291478	Pine	D.	22	1 1.1		21 40 6	Rexford parcel
			Pinus	23	healthy	no	31_40_ft	Located at the
		A 1	halepensis					boarder of City
115.0504655	22.02012671	Aleppo						ROW and
-117.8524666	33.82913651	Pine	D.	1.0	1 1		21 40 6	Rexford parcel
4450	22.02611.55	Aleppo	Pinus	18	hazard	no	31_40_ft	Located at the
-117.8523432	33.82911693	Pine	halepensis					boarder of City

								ROW and
			D.	1.0	1 1/1		21 40 6	Rexford parcel
			Pinus	16	healthy	no	31_40_ft	Located at the
		A 1	halepensis					boarder of City
117.0500070	22.02010122	Aleppo Pine						ROW and
-117.8522278	33.82910133	Pine	D.	10	1 1.1		21 40 6	Rexford parcel
			Pinus	13	healthy	no	31_40_ft	Located at the
		4.1	halepensis					boarder of City
		Aleppo						ROW and
-117.8521688	33.82910133	Pine	D.	1.~	1 1.1		21 10 6	Rexford parcel
			Pinus	15	healthy	no	31_40_ft	Located at the
			halepensis					boarder of City
		Aleppo						ROW and
-117.8521125	33.82910579	Pine						Rexford parcel
			Pinus	14	healthy	no	31_40_ft	Located at the
			halepensis					boarder of City
		Aleppo						ROW and
-117.8520535	33.82909688	Pine						Rexford parcel
			Pinus	22	healthy	no	31_40_ft	Located at the
			halepensis					boarder of City
		Aleppo						ROW and
-117.8520535	33.82909688	Pine						Rexford parcel
			Pinus	20	healthy	yes	31_40_ft	Located at the
			halepensis					boarder of City
		Aleppo						ROW and
-117.8519703	33.8290991	Pine						Rexford parcel
			Pinus	16	healthy	no	31_40_ft	Located at the
			halepensis					boarder of City
		Aleppo						ROW and
-117.8518711	33.82909242	Pine						Rexford parcel
			Pinus	17	healthy	no	31_40_ft	Located at the
			halepensis					boarder of City
		Aleppo						ROW and
-117.8517826	33.82907905	Pine						Rexford parcel
		Aleppo	Pinus	15	hazard	no	31_40_ft	Located at the
-117.8516994	33.82906791	Pine	halepensis					boarder of City

Pinus halepensis   Pinus halepen
Aleppo -117.8516351 33.82907459 Pine  Pinus halepensis  Aleppo -117.8515707 33.82907459 Pine  Pinus halepensis Aleppo Pinus halepensis Aleppo Pinus Aleppo A
Aleppo Pine  Pinus Aleppo Aleppo Aleppo Pine  Pinus Aleppo Pine  Pinus Aleppo Pine  Aleppo Pine  Aleppo Aleppo Aleppo Aleppo Aleppo Aleppo Aleppo Aleppo Aleppo Pinus Aleppo Alep
-117.8516351 33.82907459 Pine Pine Rexford part Pinus halepensis Aleppo Pinus Aleppo Aleppo Aleppo Aleppo ROW and Rexford part Docated at the halepensis Aleppo Aleppo ROW and ROW and ROW and ROW and Aleppo ROW and
Pinus halepensis  Aleppo Pine  Pinus halepensis  Aleppo Pine  Pinus halepensis  Aleppo Pinus halepensis  Aleppo Pinus halepensis Aleppo
Aleppo -117.8515707 33.82907459 Pine  Pinus Aleppo
Aleppo -117.8515707 33.82907459 Pine ROW and Rexford pare  Pinus 20 hazard no 31_40_ft Located at the boarder of C ROW and Aleppo ROW and Rexford pare  Aleppo ROW and ROW and Rexford pare  Pinus 20 hazard no 31_40_ft boarder of C ROW and
-117.8515707 33.82907459 Pine Rexford pare  Pinus 20 hazard no 31_40_ft Located at the boarder of C ROW and RO
Pinus 20 hazard no 31_40_ft Located at the halepensis Aleppo ROW and
halepensis boarder of C Aleppo ROW and
Aleppo ROW and
-117.851523   33.82905825   Pine   Rexford pare
Pinus 16 healthy no 31_40_ft Located at the
halepensis boarder of C
Aleppo ROW and
-117.8514795   33.82906791   Pine   Rexford pare
Pinus 17 healthy no 31_40_ft Located at the
halepensis boarder of C
Aleppo ROW and
-117.8514446 33.829059 Pine Rexford pare
Pinus 11 healthy yes 31_40_ft Located at the
halepensis boarder of C
Aleppo ROW and
-117.8513937   33.82905677   Pine   Rexford pare
Pinus 15 hazard no 31_40_ft Located at the
halepensis boarder of C
Aleppo ROW and
-117.8513266 33.82904563 Pine Rexford par
Pinus 17 hazard no 31_40_ft Located at the
halepensis boarder of C
Aleppo ROW and
-117.8511818 33.82903449 Pine Rexford par
Aleppo Pinus 18 healthy no 31_40_ft Located at the
-117.8510638 33.82903672 Pine halepensis boarder of C

								ROW and
			D.	1.6	1 1/1		21 40 6	Rexford parcel
			Pinus	16	healthy	no	31_40_ft	Located at the
		A 1	halepensis					boarder of City
117.0500200	22 02002450	Aleppo						ROW and
-117.8509308	33.82902459	Pine	D.	22	1 1		21 40 6	Rexford parcel
			Pinus	22	hazard	no	31_40_ft	Located at the
		A 1	halepensis					boarder of City
		Aleppo						ROW and
-117.8512548	33.82904761	Pine	D.	1.0	1 1.1		21 10 6	Rexford parcel
			Pinus	16	healthy	no	31_40_ft	Located at the
			halepensis					boarder of City
		Aleppo						ROW and
-117.8508672	33.82902706	Pine	5.				24 40 0	Rexford parcel
			Pinus	15	hazard	yes	31_40_ft	Located at the
			halepensis					boarder of City
		Aleppo						ROW and
-117.8508672	33.82902706	Pine						Rexford parcel
			Pinus	14	healthy	no	41_50_ft	Located at the
			halepensis					boarder of City
		Aleppo						ROW and
-117.8508028	33.82902149	Pine						Rexford parcel
			Pinus	13	healthy	no	41_50_ft	Located at the
			halepensis					boarder of City
		Aleppo						ROW and
-117.8507572	33.82901481	Pine						Rexford parcel
			Pinus	17	hazard	no	31_40_ft	Located at the
			halepensis					boarder of City
		Aleppo						ROW and
-117.8507049	33.82902595	Pine						Rexford parcel
			Pinus	22	hazard	no	31_40_ft	Located at the
			halepensis					boarder of City
		Aleppo						ROW and
-117.8506553	33.82902038	Pine						Rexford parcel
		Aleppo	Pinus	15	hazard	no	31_40_ft	Located at the
-117.8506553	33.82902038	Pine	halepensis					boarder of City

								ROW and
			D.	1.0	1 1.1		21 40 6	Rexford parcel
			Pinus	16	healthy	no	31_40_ft	Located at the
		. 1	halepensis					boarder of City
		Aleppo						ROW and
-117.8505842	33.82900812	Pine	5.				21 10 0	Rexford parcel
			Pinus	16	healthy	no	31_40_ft	Located at the
			halepensis					boarder of City
		Aleppo						ROW and
-117.850534	33.82900243	Pine						Rexford parcel
			Pinus	18	healthy	no	31_40_ft	Located at the
			halepensis					boarder of City
		Aleppo						ROW and
-117.8504756	33.82899587	Pine						Rexford parcel
			Pinus	17	healthy	no	31_40_ft	Located at the
			halepensis					boarder of City
		Aleppo						ROW and
-117.8503832	33.82899154	Pine						Rexford parcel
			Pinus	15	healthy	no	31_40_ft	Located at the
			halepensis					boarder of City
		Aleppo						ROW and
-117.8503416	33.82899376	Pine						Rexford parcel
			Pinus	18	healthy	no	31_40_ft	Located at the
			halepensis					boarder of City
		Aleppo	-					ROW and
-117.8502692	33.82898819	Pine						Rexford parcel
			Pinus	19	hazard	no	31_40_ft	Located at the
			halepensis					boarder of City
		Aleppo	-					ROW and
-117.8502088	33.82898523	Pine						Rexford parcel
			Pinus	15	healthy	no	31_40_ft	Located at the
			halepensis					boarder of City
		Aleppo	1					ROW and
-117.8501645	33.82898301	Pine						Rexford parcel
		Aleppo	Pinus	19	healthy	no	41_50_ft	Located at the
-117.8501095	33.82898078	Pine	halepensis					boarder of City

								ROW and
			D.	1 /	1 1		41.70.6	Rexford parcel
			Pinus	14	hazard	no	41_50_ft	Located at the
		A 1	halepensis					boarder of City
115.050005	22 02007200	Aleppo						ROW and
-117.850025	33.82897298	Pine	5.				21 10 0	Rexford parcel
			Pinus	12	healthy	yes	31_40_ft	Located at the
			halepensis					boarder of City
		Aleppo						ROW and
-117.8499379	33.82896964	Pine						Rexford parcel
			Pinus	13	healthy	no	31_40_ft	Located at the
			halepensis					boarder of City
		Aleppo						ROW and
-117.8498708	33.82895738	Pine						Rexford parcel
			Pinus	14	healthy	no	31_40_ft	Located at the
			halepensis					boarder of City
		Aleppo						ROW and
-117.8497836	33.82896184	Pine						Rexford parcel
			Pinus	16	healthy	no	31_40_ft	Located at the
			halepensis					boarder of City
		Aleppo						ROW and
-117.8497273	33.8289585	Pine						Rexford parcel
			Pinus	12	healthy	yes	31_40_ft	Located at the
			halepensis					boarder of City
		Aleppo						ROW and
-117.8496696	33.82894624	Pine						Rexford parcel
			Pinus	17	healthy	no	31_40_ft	Located at the
			halepensis					boarder of City
		Aleppo	-					ROW and
-117.84951	33.82894513	Pine						Rexford parcel
			Pinus	15	hazard	no	31_40_ft	Located at the
			halepensis					boarder of City
		Aleppo	_					ROW and
-117.8494108	33.82890391	Pine						Rexford parcel
		Aleppo	Pinus	18	healthy	no	31_40_ft	Located at the
-117.8492546	33.82888299	Pine	halepensis					boarder of City

					ınd
				Rexford p	oarcel

#### **RESULTS**

Two hundred and eighty-two (282) trees total were surveyed during the site visit.

Two hundred and sixty-eight (268) trees are located within the project site, while thirteen (14) Aleppo pines (*Pinus halepensis*) trees are within the City of Orange Right-of-way see **Figure 4**.

There are ninety-four (94) total Aleppo pines trees border the property line and the City of Orange Right-of-way along the sidewalk and earth berm. See **Figure 4**. Thirteen (13) Aleppo pines belong to the City of Orange. Only One (1) City of Orange tree is expected to be removed.

Forty-three (43) out of the (94) Aleppo pine trees; including the (1) tree belonging to the City of Orange trees, are expected to be removed due to the construction of the retaining wall along Fletcher Ave and the increased risk of failure.

All (43) Aleppo pines (*Pinus halepensis*) trees along the Fletcher Ave and Glassell St have several signs of increased risk of failure. The signs of these trees include, uplifting root plate, off-balanced canopy, shallow root systems, exposed roots, 30° to 45° leans, and heavy trimming for utility line clearance. These trees are at hazard trees to the utility lines and public City of Orange ROW.

Additionally, there will be trees from within the new project footprint that would be removed. All Ninety-nine (99) Chinese elm trees (*Ulmus parvifolia*), eighty-eight (88) Canary island palms (*Phoenix canarensis*), and one (1) Peruvian pepper tree (*Schinus molle*) are expected to be removed.

**Figure 3 and Figure 4** illustrate the location of these trees within the parcels. All trees on the parcel are non-native ornamentally planted trees.

There were no native or heritage trees observed during the survey. All trees are listed in Table 1 above. Photographs of the overall landscape were captured and included in Appendix A.

#### **CONCLUSIONS & RECOMMENDATIONS**

All two hundred and eighty-two (282) trees that were mapped were above 4 inches DBH and are considered a tree from the City of Orange Municipal Code. There are no native or heritage trees will be removed as a result of this project.

The proposed development project requires the removal **of a total of (232) trees,** consisting of the following: Ninety-nine (99) Chinese elm trees (*Ulmus parvifolia*), eighty-eight (88) Canary island palms (*Phoenix canarensis*), and one (1) Peruvian pepper tree (*Schinus molle*) from within the parcels existing parking lots and ornamental landscape plus (43) Aleppo pines (*Pinus halepensis*) trees on the berm adjacent to the City of Orange ROW and only one (1) City of Orange tree is expected to be removed and will require a tree removal permit.

The trees that will be removed should be replanted in accordance with the City of Orange Municipal code. The trees that will remain should be incorporated into the design plan to minimize impacts to these trees, See **Figure 1 landscape plan**.

However, if the avoidance is not feasible, the trees will need to be removed and replaced with the required replacement value of tree.

It is recommended that the mitigation trees will be grown from locally sourced nurseries from the Orange county area to offset excessive carbon emissions from outsourced transport.

#### **Best Management Practices**

The following measures will help reduce impacts and promote good tree health for the preserved trees. Tree Protected Zone (TPZ) is the area within the dripline of the tree and extending at least five feet beyond the dripline, or 15 feet from the trunk of the tree, whichever is greater.

#### **Design recommendations**

The TPZ of all trees listed in Table 1 should be avoided during project design. Specific TPZs will be identified when construction plans are finalized and shall be shown on the final plan set (civil and landscape). Underground services such as utility lines, irrigation, or piping shall be placed outside the TPZ.

#### **Pre-construction recommendations**

Temporary orange safety fencing shall be installed prior to ground-disturbing operations to clearly delineate the TPZ. The fence shall stay in place throughout grading and construction.

If pruning is required to provide adequate construction clearance, all pruning shall be completed by a Certified Arborist or Tree Worker, not by construction personnel. Pruning activities must adhere to the latest edition of the ANSI Z133 and A300 standards as well as the International Society of Arboriculture "Best Management Practices Tree Pruning".

#### **Construction recommendations**

All contractors shall conduct operations in a manner that will prevent damage to protected trees. No work, grading, excavation, construction, storage, parking, or dumping shall occur within the fenced TPZ. Construction of underground services shall not cause impacts in the TPZ. The fencing may not be relocated or removed without permission of a qualified arborist or biologist, and shall remain in-place until all site work has been completed.

If injury should occur to any protected tree during construction, it should be evaluated as soon as possible by the qualified arborist or biologist so that appropriate treatments can be applied.

It is recommended that decayed or diseased trees identified during this be removed to prevent the spread of disease, pathogens or pests and for fire safety

Figure 1. Landscape Plan

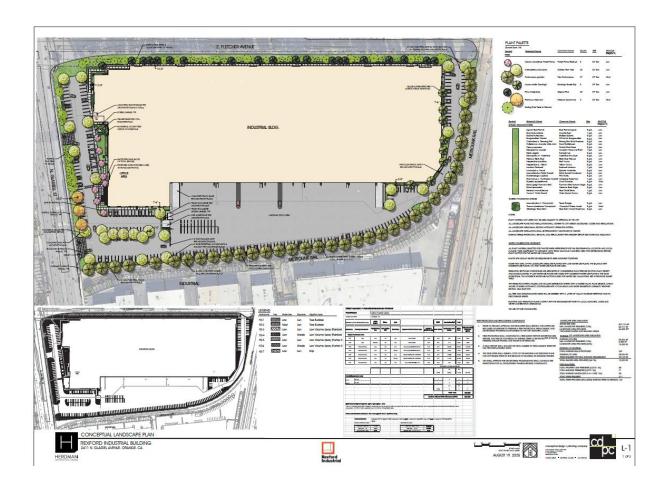


Figure 2. Site Plan

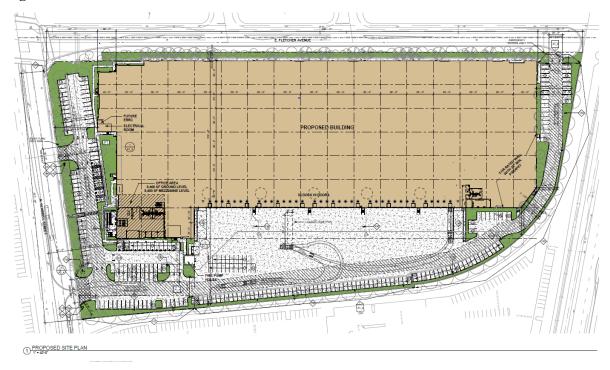


Figure 3. Existing Tree Locations.



Figure 4. Existing Trees to be Removed and Retained

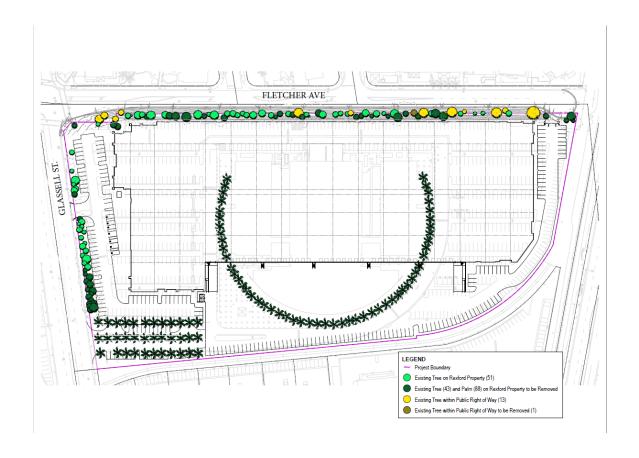
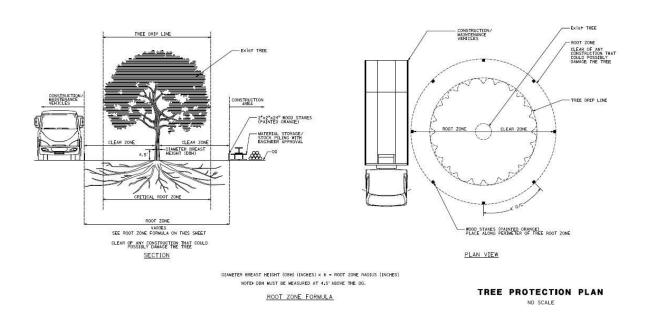


Figure 5. Tree Protection Plan.



# Appendix A Photo Compendium