

Jim Borer, Certified Arborist #496

Specimen tree preservation, conservation, and analysis

September 30, 2017

Mr. Richard Krumweide
Architerra Design Group

Telefax: This page plus 2

Re: On-site Tree Inventory Report

GLC El Monte
4300 Shirley Avenue
El Monte, Ca.

Dear Richard,

I am writing at this time as a follow-up to my September 25, 2017 on-site inspection of the existing mature specimen trees within the subject location. This inspection was performed in conjunction with planning for site's redevelopment in order to document the tree types, sizes, conditions, and their status' as either **Native Trees** or **Heritage Trees** in accordance the city's **Heritage Tree** ordinance.

Assignment

Travel to the site, review and document the existing trees' types, sizes, conditions, and to number and inventory those individuals that meet the **Heritage Tree** ordinance's minimum size and other characteristics to be considered either Native or Heritage Trees. Prepare and submit this summary as well as the attached 'Excel' spreadsheet that includes the comprehensive inventory of the existing tree population within the site that possess the characteristics that make them **Native Trees** or **Heritage Trees** as defined by the ordinance.

Observations

There are a total of **65** trees within the site that are considered to be **Heritage Trees** as defined by the tree ordinance. There are not any **Native Trees** within the site of any size whatsoever. There are a small number of palms but they are specifically not included as having special designation by the ordinance.

A total of 40 of the subject trees are weeping banyan trees (*Ficus benjamina*) that are growing on the slope along the western boundary of the site that runs down from the Shirley Avenue elevation to the parking area. The other groupings of trees are the nine xylosma (actually large bushes), six red gum Eucalyptus, and the six carrotwood that are directly fronting Lower Azusa Avenue. In addition to the groupings referenced above there are also one each bottlebrush, Indian laurel fig, bronze loquat, and California pepper trees within the site that meet the minimum trunk circumference (36") that make them Heritage trees according to El Monte's tree conservation ordinance.

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The Ficus on the slope are vigorous and appear well disposed to remaining viable for the long-term. However they are quite invasive and, even though they are still relatively immature, exhibit this quality wherein some of their roots can be seen to be uplifting the asphalt behind the curb on Shirley Avenue. If they were to persist their roots could be expected to eventually damage the Shirley Avenue paving as well.

The other individual **Heritage** Trees, while large and mature, do not possess individually outstanding form and character. They are generally over mature, have senescing branch structures, and appear to have been under maintained (pruning and irrigation) for an extended period of time.

The inventory is provided within the accompanying 'Excel' spreadsheet. Therein the trees are referred to include information including their sizes and their proposed dispositions for removal in conjunction with the re-development. Per the ordinance their removal shall require replacement at two imported 36" box trees for each individual **Heritage Tree** that is removed.

Opinions and Recommendations

There are not any native species trees of any size that are growing within the existing tree population. There are a total of **65** trees that are greater than 36" in trunk circumference which makes them **Heritage Trees** according to the city's tree conservation ordinance. The largest grouping of **Heritage Trees** is the Ficus (# 40) that are growing on the north south row parallel to the Shirley Avenue frontage. The Ficus are vigorous are developing invasive surface roots growing towards Shirley Avenue frontage and curb. Based upon the invasiveness of the Ficus' root systems I consider them to be reasonable candidates for removal regardless of their conflict with the proposed redevelopment.

Otherwise there are nine xylosma growing on the northern side of the fence that separates the parking area from the logistics portion of the site. These are essentially very mature and very large stature shrubs.

The next biggest groupings include the six carrotwoods growing along the Lower Azusa Street frontage as street trees. The carrotwoods are mostly vigorous but not are individually outstanding. A few of them exhibit the symptoms of stress. These trees are growing very near the adjacent sidewalk in frontage cutouts. There are six mature red gum (Eucalyptus) trees growing within the enclosed parking area island along the Lower Azusa frontage of the site. The red gums are large, becoming over mature, they also exhibit subtle symptoms of long-term decline.

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All of the four individual trees of their species within the site are also within the enclosed parking area along the Lower Azusa frontage. Of these the Ficus and California pepper are quite large. The pepper exhibits long-term structural decline and could be capable of failing catastrophically at any time. The Ficus is quite large but does not exhibit such obvious symptoms of long-term structural decline as the pepper at this time.

The other two individual trees are a bottlebrush (also a very mature and large shrub) and a bronze loquat. The bottlebrush is large but not outstanding in character while the loquat exhibits a significant amount of systemic decline at this time. The thin foliage canopy and small foliage size are both indicative of the systemic decline.

Please contact me if you have any questions, if you require additional information, after reviewing the report, or if you require further support in supporting tree related issues as the planning progresses.

Respectfully submitted,

Jim Borer

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Arborist Report
Existing Tree Inventory
GLC El Monte
4300 Shirley Avenue
El Monte, Ca.
September 30, 2017

Tree #	Latin Name	Common Name	Trunk Circumfer.	Status	Proposed Disposition
1	<i>Ficus benjamina</i>	weeping banyan tree	52"	Herit. Tree	Removal
2	<i>Ficus benjamina</i>	weeping banyan tree	58"	Herit. Tree	Removal
3	<i>Ficus benjamina</i>	weeping banyan tree	64"	Herit. Tree	Removal
4	<i>Ficus benjamina</i>	weeping banyan tree	57"	Herit. Tree	Removal
5	<i>Ficus benjamina</i>	weeping banyan tree	48"	Herit. Tree	Removal
6	<i>Ficus benjamina</i>	weeping banyan tree	60"	Herit. Tree	Removal
7	<i>Ficus benjamina</i>	weeping banyan tree	66"	Herit. Tree	Removal
8	<i>Ficus benjamina</i>	weeping banyan tree	44"	Herit. Tree	Removal
9	<i>Ficus benjamina</i>	weeping banyan tree	50"	Herit. Tree	Removal
10	<i>Ficus benjamina</i>	weeping banyan tree	48"	Herit. Tree	Removal
11	<i>Ficus benjamina</i>	weeping banyan tree	46"	Herit. Tree	Removal
12	<i>Ficus benjamina</i>	weeping banyan tree	50"	Herit. Tree	Removal
13	<i>Ficus benjamina</i>	weeping banyan tree	54"	Herit. Tree	Removal
14	<i>Ficus benjamina</i>	weeping banyan tree	72"	Herit. Tree	Removal
15	<i>Ficus benjamina</i>	weeping banyan tree	74"	Herit. Tree	Removal
16	<i>Ficus benjamina</i>	weeping banyan tree	56"	Herit. Tree	Removal
17	<i>Ficus benjamina</i>	weeping banyan tree	54"	Herit. Tree	Removal
18	<i>Ficus benjamina</i>	weeping banyan tree	68"	Herit. Tree	Removal
19	<i>Ficus benjamina</i>	weeping banyan tree	68"	Herit. Tree	Removal

**Arborist Report
Existing Tree Inventory**

20	<i>Ficus benjamina</i>	weeping banyan tree	56"	Herit. Tree	Removal
GLC El Monte, 4300 Shirley Avenue El Monte, Ca. September 30, 2017					
21	<i>Ficus benjamina</i>	weeping banyan tree	64"	Herit. Tree	Removal
22	<i>Ficus benjamina</i>	weeping banyan tree	46"	Herit. Tree	Removal
23	<i>Ficus benjamina</i>	weeping banyan tree	48"	Herit. Tree	Removal
24	<i>Ficus benjamina</i>	weeping banyan tree	72"	Herit. Tree	Removal
25	<i>Ficus benjamina</i>	weeping banyan tree	78"	Herit. Tree	Removal
26	<i>Ficus benjamina</i>	weeping banyan tree	68"	Herit. Tree	Removal
27	<i>Ficus benjamina</i>	weeping banyan tree	68"	Herit. Tree	Removal
28	<i>Ficus benjamina</i>	weeping banyan tree	66"	Herit. Tree	Removal
29	<i>Ficus benjamina</i>	weeping banyan tree	62"	Herit. Tree	Removal
30	<i>Ficus benjamina</i>	weeping banyan tree	66"	Herit. Tree	Removal
31	<i>Ficus benjamina</i>	weeping banyan tree	64"	Herit. Tree	Removal
32	<i>Ficus benjamina</i>	weeping banyan tree	62"	Herit. Tree	Removal
33	<i>Ficus benjamina</i>	weeping banyan tree	68"	Herit. Tree	Removal
34	<i>Ficus benjamina</i>	weeping banyan tree	66"	Herit. Tree	Removal
35	<i>Ficus benjamina</i>	weeping banyan tree	44"	Herit. Tree	Removal
36	<i>Ficus benjamina</i>	weeping banyan tree	74"	Herit. Tree	Removal
37	<i>Ficus benjamina</i>	weeping banyan tree	68"	Herit. Tree	Removal
37a	<i>Ficus benjamina</i>	weeping banyan tree	56"	Herit. Tree	Removal
38	<i>Ficus benjamina</i>	weeping banyan tree	72"	Herit. Tree	Removal
39	<i>Ficus benjamina</i>	weeping banyan tree	64"	Herit. Tree	Removal

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40	<i>Cupaniopsis anacard.</i>	carrotwood	60"	Herit. Tree Street Tree	Removal
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Tree #	Latin Name	Common Name	Trunk Circumfer.	Status	Proposed Disposition
41	<i>Cupaniopsis anacard.</i>	carrotwood	44"	Herit. Tree Street Tree	Removal
42	<i>Cupaniopsis anacard.</i>	carrotwood	95"	Herit. Tree Street Tree	Removal
43	<i>Cupaniopsis anacard.</i>	carrotwood	52"	Herit. Tree Street Tree	Removal
44	<i>Cupaniopsis anacard.</i>	carrotwood	63"	Herit. Tree Street Tree	Removal
45	<i>Cupaniopsis anacard.</i>	carrotwood	49"	Herit. Tree Street Tree	Removal
46	<i>Schinus molle</i>	California pepper	112"	Herit. Tree Street Tree	Removal
47	<i>Ficus retusa</i>	Wppeing laurel fig	84"	Herit. Tree	Removal
48	<i>Eucalyptus camadul.</i>	red gum	77"	Herit. Tree	Removal
49	<i>Eucalyptus camadul.</i>	red gum	36"	Herit. Tree	Removal
50	<i>Eucalyptus camadul.</i>	red gum	84"	Herit. Tree	Removal
51	<i>Xylosma congestum</i>	shiny xylosma	47"	Herit. Tree	Removal
52	<i>Xylosma congestum</i>	shiny xylosma	38"	Herit. Tree	Removal
53	<i>Xylosma congestum</i>	shiny xylosma	36"	Herit. Tree	Removal
54	<i>Xylosma congestum</i>	shiny xylosma	36"	Herit. Tree	Removal
55	<i>Xylosma congestum</i>	shiny xylosma	39"	Herit. Tree	Removal
56	<i>Eriobotrya deflexa</i>	bronze loquat	88" m	Herit. Tree declining	Removal
57	<i>Xylosma congestum</i>	shiny xylosma	44"	Herit. Tree	Removal
58	<i>Xylosma congestum</i>	shiny xylosma	46"	Herit. Tree	Removal

**Arborist Report
Existing Tree Inventory**

GLC El Monte

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September 30, 2017

59	<i>Xylosma congestum</i>	shiny xylosma	36"	Herit. Tree	Removal
60	<i>Callistemon citrinus</i>	bottle brush	84"	Herit. Tree	Removal
61	<i>Eucalyptus camadul.</i>	red gum	98"	Herit. Tree	Removal

Tree #	Latin Name	Common Name	Trunk Circumfer.	Status	Proposed Dispositon
62	<i>Eucalyptus camadul.</i>	red gum	36"	Herit. Tree	Removal
63	<i>Eucalyptus camadul.</i>	red gum	96"	Herit. Tree	Removal
64	<i>Xylosma congestum</i>	shiny xylosma	36"	Herit. Tree	Removal

end