

PROTECTED TREE REPORT

for

**A.P.N. 5567-029-032
One House Development**

Owner:
Best Choice Holdings, 36, LLC
Civil Engineer: Khatri International Inc.
626- 685-9480

Prepared by
Harmony Gardens
12224 Addison Street
Valley Village, CA 91607
Phone (818) 505-9783
Shelley Sparks, RLA # 2896, ASLA

July 13, 2007

Protected Tree Report

Background

According to Ordinance 177404 the following trees native tree species are protected: Oak trees including indigenous Oaks, Southern California Black Walnut, Western Sycamore and California Bay Tree. Any trees of the above species that are larger than 4" caliper at 4.5 feet above the ground level are to be considered protected for the purpose of this ordinance. Trees that are to be retained on the site need to be protected during any grading process to within 5' of the drip line of the tree to preclude potential damage to the tree.

The protected trees may be relocated or removed upon prior approval of removal if a) its presence prevents the reasonable development of the property, b) the health of the tree is in decline and its restoration is not advisable or feasible c) It is in danger of falling d) It interferes with proposed utility or roadways within or without property e)It has no apparent aesthetic value that will contribute to the appearance and design of a proposed subdivision.

Should a protected tree need to be removed, the first choice would be relocation elsewhere on the same property where the relocation is economically reasonable and favorable to the survival of the tree. Measures may need to be taken to mitigate adverse effects on the tree.

Should a protected tree need to be removed and relocation is not an option, trees of the protected tree species must be replaced within the property by at least two trees of a protected variety with 15 gallon or larger trees. The size and number of replacement trees shall approximate the value of the tree to be replaced.

This report consists of the site conditions and mitigation measures required for the development of one house on the land plus any additional planned buildings on the site. There is a complete listing of all trees on the land, their condition and pictures to document existing conditions. Should additional development of the lot be undertaken, mitigation measures would need to be added to the requirements contained herein this report. I have listed mitigation for some of the trees that are in the development area but that may not be displaced by the house because in the course of grading and building retaining walls that will be necessary for development, some of these trees may be destroyed. Should the developers find ways to protect these trees as listed above, then obviously they will need no mitigation. On this site, I think is unrealistic to expect to move and replant any of the displaced trees because of their size and orientation on the slopes.

Site Conditions

This is an extremely sloped site with many native species. The trees consist of *Quercus agrifolia*, *Quercus chrysolepis*, *Umbellularia californica* and *Juglans californica*. The preponderance of species are the *Juglans californica* and second *Quercus agrifolia*. Among the native shrubs on the site are *Arctostaphylos*, *Salvia*, *Rhus*, *Heteromeles*. The plan shows the areas that will be disturbed by development. The majority of the trees onsite will not be disturbed in the building of the house and out building planned.

Mitigation Measures

The trees that would be affected by the development would be the following:

Tree #7 is *Juglans californica* in very poor condition. The bark is split throughout most of the trunk. Because of its health it can be removed without replacement.

Tree #8, is *Quercus agrifolia* in excellent condition. Because of its size, it should be replaced by two forty eight inch box trees of the same variety.

Trees #9 is *Juglans californica* in poor condition. It is leaning over at a very acute angle and covered in vines. Because of its health it can be removed without replacement.

Trees #12 is *Quercus agrifolia* in good to fair condition. It has many brown leaves however it is very large and established. Because of its size it should be replaced with two sixty inch box trees of the same variety.

Trees #13 *Quercus agrifolia* in excellent condition. Because of its size, it should be replaced by two forty eight inch box trees of the same variety.

Tree #14 is *Juglans californica* in poor condition. It is leaning over and covered in vines. Because of its health it can be removed without replacement.

Trees #15 is *Quercus agrifolia* in good condition. Because of its size it should be replaced with two thirty six inch box trees of the same variety.

Tree #25 is *Juglans californica* in good condition. Because of its size, it should be replaced by two forty eight inch box trees. The variety should be selected by a landscape architect. The *Juglans californica* isn't readily available in the trade so the landscape architect can select from a number of other native trees such as *Arbutus* varieties, *Platanus racemosa*, *Quercus* species.

Tree #26 is *Juglans californica* in good condition. Because of its size, it should be replaced by two twenty four inch box trees. The variety should be selected by a landscape architect. The *Juglans californica* isn't readily available in the trade so the landscape architect can select from a number of other native trees such as *Arbutus* varieties, *Platanus racemosa*, *Quercus* species.

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Tree #123 is *Juglans californica* in excellent condition. Because of its size, it should be replaced by two thirty six inch box trees. The variety should be selected by a landscape architect. The *Juglans californica* isn't readily available in the trade so the landscape architect can select from a number of other native trees such as *Arbutus* varieties, *Platanus racemosa*, *Quercus* species

Tree #124 is *Juglans californica* in excellent condition. Because of its size, it should be replaced by two forty eight inch box trees. The variety should be selected by a landscape architect. The *Juglans californica* isn't readily available in the trade so the landscape architect can select from a number of other native trees such as *Arbutus* varieties, *Platanus racemosa*, *Quercus* species

Tree #138 is *Juglans californica* in excellent condition. Because of its size, it should be replaced by two fifteen gallon trees. The variety should be selected by a landscape architect. The *Juglans californica* isn't readily available in the trade so the landscape architect can select from a number of other native trees such as *Arbutus* varieties, *Platanus racemosa*, *Quercus* species

Tree #139 is *Juglans californica* in excellent condition. Because of its size, it should be replaced by two fifteen gallon trees. The variety should be selected by a landscape architect. The *Juglans californica* isn't readily available in the trade so the landscape architect can select from a number of other native trees such as *Arbutus* varieties, *Platanus racemosa*, *Quercus* species

Respectfully submitted,

Shelley Sparks, RLA #2896, ASLA