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# BAEFSKY & ASSOCIATES

## ENVIRONMENTAL LANDSCAPE CONSULTING

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October 27, 2011

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DeNova Homes  
1500 Willow Pass Ct.  
Concord CA 94520

Subject: Vine Hill Golf Course, Martinez CA – **Preliminary Arborist Evaluation**

### SUMMARY

Forty-seven trees that are protected in the City of Martinez were identified to species, measured, mapped, tagged and evaluated for their conditions at Vine Hill Golf Course, Martinez CA. Fifty trees were originally considered protected, but their sizes precluded this designation. Species included *Quercus agrifolia*, *Q. douglasii*, *Q. lobata*, *Sequoia sempervirens*, and *Juglans hindsii*.

### SCOPE

DeNova Homes hired me to evaluate trees on the Vine Hill Golf Course and identify those that are protected in Martinez CA.

### METHODS

Trees were identified to species and measured four and one-half feet above grade in the field. They were tagged in the field using blue metal tags and located on a map provided by DeNova homes.

### FINDINGS

Indigenous tree species identified were *Q. agrifolia* (cost live oak), *Q. douglasii* (blue oak) and *Q. lobata* (valley oak). These trees were probably planted by birds, and their irregular distribution on the course reflects the lack of discernible planting plan and localized soil conditions. Other CA native species that are not indigenous to the site but are protected include *S. sempervirens* (coast redwood), and *J. hindsii* (CA black walnut). The redwoods were planted as landscape amenities and the walnuts are remnant stump sprouts from a historic orchard planting.

The largest tree measured one hundred and seventy eight inches in circumference, the smallest nineteen point five inches, and the average tree circumference measured fifty-one point four inches.

Tree condition ranged from very poor to good-excellent, averaging fair.

**DATA**

#	SPECIES	COMMON NAME	DIAMETER (inches)	CIRCUMFERENCE (inches)	CONDITION
1301	<i>Quercus agrifolia</i>	coast live oak	11.1	34.9	POOR
1302	<i>Q. agrifolia</i>	coast live oak	13.7	43.0	FAIR-POOR
1303	<i>Q. agrifolia</i>	coast live oak	11.6	36.4	GOOD-FAIR
1304	<i>Q. agrifolia</i>	coast live oak	17.2	54.0	FAIR
1305	<i>Q. agrifolia</i>	coast live oak	9.9	31.1	FAIR
1306	<i>Juglans hindsii</i>	CA black walnut	5.25,4.25,2.25,2.75,5	61.2	POOR-VERY POOR
<del>1307</del>	<del><i>Juglans hindsii</i></del>	<del>CA black walnut</del>	<del>4.5,3.75,3.75</del>	<del>37.7</del>	<del>VERY POOR</del>
1308	<del><i>Quercus agrifolia</i></del>	<del>coast live oak</del>	<del>4,4</del>	<del>25.4</del>	<del>VERY POOR</del>
1309	<i>Q. agrifolia</i>	coast live oak	6.1,7.9,5,6,12	116.2	EXCELLENT-GOOD
1310	<i>Q. douglasii</i>	blue oak	7.8,5,5.3	56.8	GOOD-FAIR
1311	<i>Q. douglasii</i>	blue oak	7.2	22.6	FAIR
1312	<i>Q. lobata</i>	valley oak	6.2	19.5	FAIR
1313	<del><i>Q. douglasii</i></del>	<del>blue oak</del>	<del>3.1,3.5</del>	<del>20.7</del>	<del>FAIR</del>
1314	<i>Sequoia sempervirens</i>	coast redwood	7.6	23.9	POOR-FAIR
1315	<i>S. sempervirens</i>	coast redwood	7.4	23.2	FAIR
1316	<i>S. sempervirens</i>	coast redwood	11.6	36.4	FAIR-GOOD
1317	<i>S. sempervirens</i>	coast redwood	20.8	65.3	GOOD
1318	<i>S. sempervirens</i>	coast redwood	12.5	39.3	FAIR-GOOD
1319	<i>S. sempervirens</i>	coast redwood	17.7	55.6	GOOD
1320	<i>S. sempervirens</i>	coast redwood	19.3	60.6	GOOD
1321	<i>S. sempervirens</i>	coast redwood	22.4	70.3	GOOD
1322	<i>Q. agrifolia</i>	coast live oak	14,11,9	106.8	GOOD-FAIR
1323	<i>Q. lobata</i>	valley oak	11,15.7	83.8	GOOD
1324	<i>S. sempervirens</i>	coast redwood	26.7	83.8	GOOD

\* Tree numbers & data with lines through them were originally identified as protected, but their small diameters disqualified them for this status, and so are not listed as protected trees on this site.

#	SPECIES	COMMON NAME	DIAMETER (inches)	CIRCUMFERENCE (inches)	CONDITION
1325	<i>S. sempervirens</i>	coast redwood	9.4	29.5	GOOD
1326	<i>S. sempervirens</i>	coast redwood	11.2	35.2	FAIR
1327	<i>S. sempervirens</i>	coast redwood	12	37.7	FAIR-POOR
1328	<i>Q. agrifolia</i>	coast live oak	6.4,4.5,2.8	43.0	GOOD-FAIR
1329	<i>Q. lobata</i>	valley oak	11.6	36.4	GOOD-EXCELLENT
1330	<i>Q. lobata</i>	valley oak	9.7,5.6	48.0	GOOD-FAIR
1331	<i>Q. lobata</i>	valley oak	14.7	46.2	GOOD
1332	<i>Q. lobata</i>	valley oak	11.8	37.1	FAIR
1333	<i>Q. lobata</i>	valley oak	13.1	41.1	FAIR
1334	<i>Q. lobata</i>	valley oak	16.2,10,17,13.5	178.0	GOOD
1335	<i>Q. lobata</i>	valley oak	18.4,7.2	80.4	FAIR
1336	<i>S. sempervirens</i>	coast redwood	12.5	39.3	FAIR-GOOD
1337	<i>S. sempervirens</i>	coast redwood	11.2	35.2	GOOD
1338	<i>Q. lobata</i>	valley oak	37.2	116.8	GOOD
1339	<i>Q. agrifolia</i>	coast live oak	13,7	62.8	EXCELLENT-FAIR
1340	<i>S. sempervirens</i>	coast redwood	6.4	20.1	POOR
1341	<i>Q. lobata</i>	valley oak	12.5	39.3	GOOD-FAIR
1342	<i>Q. agrifolia</i>	coast live oak	10.2	32.0	GOOD-FAIR
1343	<i>Q. agrifolia</i>	coast live oak	8,3.5,5.8	54.3	FAIR
1344	<i>Q. agrifolia</i>	coast live oak	9.3	29.2	FAIR-POOR
1345	<i>Q. douglasii</i>	blue oak	10.6,10.5	66.3	FAIR-POOR
1346	<i>S. sempervirens</i>	coast redwood	9.5	29.8	GOOD
1347	<i>Q. lobata</i>	valley oak	7.6,12.8,8.5	90.7	FAIR
1348	<i>Q. lobata</i>	valley oak	8,5	40.8	FAIR
1349	<i>Q. douglasii</i>	blue oak	7.1,7.7,5.2	62.8	GOOD
1350	<i>Q. douglasii</i>	blue oak	9.7	30.5	GOOD-FAIR

## CERTIFICATION OF PERFORMANCE

I, Michael Baefsky certify:

- That I have personally inspected the trees and the property referred to in this report, and have stated my findings accurately. The extent of the evaluation is stated in the attached report;
- That I have no current or prospective interest in the vegetation or the property that is the subject of this report and have no personal interest or bias with respect to the parties involved;
- That the analysis, opinions, and conclusions stated herein are my own;
- That my analysis, opinions, and conclusions were developed and this report has been prepared according to commonly accepted arboricultural practices;
- That no one provided significant professional assistance to the consultant, except as indicated within the report;
- That my compensation is not contingent upon the reporting of a predetermined conclusion that favors the cause of the client or any other party.

I further certify that I am a member of the American Society of Consulting Arborists, and acknowledge, accept, and adhere to the ASCA Standards of Professional Practice. I am International Society of Arboriculture Certified Arborist #WE0222A, and have been involved in the practice of arboriculture and the study of trees for over twenty-five years.

*Signed:* \_\_\_\_\_

*Date:* \_\_\_\_\_