



Mayne Tree Expert Company, Inc.

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STATE CONTRACTOR'S LICENSE NO. 276793

CERTIFIED FORESTER • CERTIFIED ARBORISTS • PEST CONTROL • ADVISORS AND OPERATORS

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April 3, 2012

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San Mateo County
Planning and Building Department

Mr. Jack McCarthy
Jack McCarthy Designer, Inc.
6257 Blauer Ln.
San Jose, CA 95135

Dear Mr. McCarthy,

RE: LOT DESIGNATED 30 CANYON LANE, REDWOOD CITY

On March 29, 2012, I inspected the above-referenced lot and the proposed grading plan. The purpose of the inspection was to produce an arborist report on 18 trees and what, if any, the potential construction impacts might be.

The lot has been cleared of the brush leaving only the native oaks, bays, buckeyes, and toyons. Only 4 trees, numbers 6, 9, 14, and 17, are of significant diameter to warrant heritage tree status. There are 12 trees that are in the proposed house and/or excavation footprint: Numbers 1, 2, 3, 4, 7, 8, 10, 11, 12, 13, 16, 17, and 18.

Each tree was assigned a number (see the tree survey and site plan). Only 2 trees, numbers 1 and 16, have numbered reference tags. Tree diameters were estimated at 4½ feet above grade. These diameters vary greatly from the site plan, which were taken at ground level.

Each tree has a condition rating that is a combination of general tree health and structure as compared to a perfect tree. The following table may help picture these percentages:

0	-	29	Dead/Very Poor
30	-	49	Poor
50	-	69	Fair
70	-	89	Good
90	-	100	Excellent

The last column is for comments that explain tree conditions and other above-ground observable tree components. Also found here are recommendations due to proposed construction and protecting retained trees.

General tree protection fencing should be erected around trees numbered 5, 6, 9, 14, and 15. Due to proposed construction, this fencing will be very near the trunks of trees numbered 6 and 14. Tree number 9 is uphill and will not be impacted by proposed excavation. Please contact me with any questions.

Sincerely,



Richard L. Huntington
Certified Arborist WE #0119A
Certified Forester #1925

RLH:pmd



Tree Survey

Tree #	Species (Common)	Species (Scientific)	DBH (inches est.)	Condition (percent)	Comments
1	Coast Live Oak	<i>Quercus agrifolia</i>	6	60	In footprint of proposed parking.
2	Bay	<i>Umbellularia californica</i>	10	70	In footprint of proposed parking.
3	Bay	<i>Umbellularia californica</i>	5, 4	70	Too near proposed excavation to survive.
4	Bay	<i>Umbellularia californica</i>	6, 3, 3	65	In footprint of proposed detention system.
5	Toyon	<i>Heteromeles arbutifolia</i>	4	60	Leans.
6	Bay	<i>Umbellularia californica</i>	16, 16, 14, 10	70	About 6 feet from proposed retaining wall excavation but not significant. Fence off at 4 to 5 feet.
7	Bay	<i>Umbellularia californica</i>	9, 3	60	In footprint of proposed house.
8	Bay	<i>Umbellularia californica</i>	4	70	In footprint of proposed house.
9	Bay	<i>Umbellularia californica</i>	16	75	Above and outside any potential construction impacts.
10	Bay	<i>Umbellularia californica</i>	6	80	In footprint of proposed excavation.
11	Bay	<i>Umbellularia californica</i>	4	80	In footprint of proposed excavation.
12	Bay	<i>Umbellularia californica</i>	5, 3, 3	70	In footprint of proposed excavation.
13	Bay	<i>Umbellularia californica</i>	6, 6	70	In footprint of proposed excavation.
14	Coast Live Oak	<i>Quercus agrifolia</i>	14, 12, 8	65	About 2 feet from proposed retaining wall. Fence off.
15	Coast Live Oak	<i>Quercus agrifolia</i>	10, 4	60	Small trunk will need removal. Fence with #14.
16	Bay	<i>Umbellularia californica</i>	5	75	About 2 feet from proposed retaining wall. Recommend removal.
17	Coast Live Oak	<i>Quercus agrifolia</i>	16	60	Basal decay. In proposed excavation footprint.
18	Coast Live Oak	<i>Quercus agrifolia</i>	4	65	In footprint of proposed house.

