

Kielty Arborist Services LLC

Certified Arborist WE#0476A

P.O. Box 6187

San Mateo, CA 94403

650- 515- 9783

July 11, 2017

Round House Industries Inc.

Attn: Mike O'Connell

900 Rosita Road

Pacifica, CA 94044

Site: Empty lot adjacent to 751 San Pedro Terrace Road, Pacifica CA

Dear Mr. O'Connell,

As requested on Wednesday, July 5, 2017, I visited the above site for the purpose of inspecting and commenting on the trees. Construction is planned for this site and your concern as to the future health and safety of the trees on site has prompted this visit.

Method:

The inspection was made from the ground; the trees were not climbed for this inspection. The trees in question were located on a map provided by you. The trees were then measured for diameter at 24 inches above ground level (DBH or diameter at breast height). The trees were given a condition rating for form and vitality. The trees' condition rating is based on 50 percent vitality and 50 percent form, using the following scale.

1 - 29 Very Poor

30 - 49 Poor

50 - 69 Fair

70 - 89 Good

90 - 100 Excellent

The height of the tree was measured using a Nikon Forestry 550 Hypsometer. The spread was paced off. Comments and recommendations for future maintenance are provided.

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Survey:

Tree#	Species	DBH	CON	HT/SP	Comments
1P	Monterey cypress (<i>Hesperocyparis macrocarpa</i>)	40.1	40	55/45	Fair vigor, poor form, decay at base, suppressed by eucalyptus trees, skinned up in past, top heavy, history of large limb loss.
2	Monterey cypress (<i>Hesperocyparis macrocarpa</i>)	10.8	50	25/20	Fair vigor, fair form, suppressed, young tree.
3	Monterey cypress (<i>Hesperocyparis macrocarpa</i>)	8.9	45	25/20	Fair vigor, poor form, suppressed, codominant at 15 feet.
4P	Monterey cypress (<i>Hesperocyparis macrocarpa</i>)	25.0	40	50/35	Fair vigor, poor form, large limb loss, suppressed, codominant at base.
5*P	Monterey cypress (<i>Hesperocyparis macrocarpa</i>)	50est	30	40/20	Poor vigor, poor form, heavy decay in trunk, top heavy, history of limb loss, extremely hazardous remove.

P- Indicates protected tree by city ordinance.

***Indicates tree on a neighboring property.**



Showing suppressed conditions created by eucalyptus trees

Summary:

The majority of the Monterey cypress trees surveyed on the site are in poor condition with the exception of Monterey cypress tree #2 that is in fair condition. These trees are in poor condition as a result of the suppressed conditions created by the large number of eucalyptus trees. All of the Monterey cypress trees are growing underneath the canopies of the eucalyptus trees. As a result, the cypress trees are growing wider instead of taller in order to find sunlight. This has created large lateral limbs that are prone to failure. All of the cypress trees on site have a history of large limb loss, as seen throughout the canopies. Past tree failures were also observed on the site, likely from the heavily suppressed conditions. All of the trees on site are proposed for removal to facilitate the proposed construction. Trees with a diameter of 16 inches or larger are protected trees in the city of Pacifica, excluding eucalyptus trees. The only trees that fall into the protected tree definition are Monterey cypress trees #1, #4 and #5. The city of Pacifica states the a tree removal permit may be conditioned upon tree

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relocation on-site, planting of replacement trees, or payment of fees in lieu thereof if on-site replacement is not feasible. The Director shall determine the replacement value of the trees. If a fee in lieu thereof is imposed, the Director shall determine the value of the number and size of trees necessary to offset the loss of the heritage tree. If on-site replacement is not feasible, the Director may condition the permit on payment of such a fee in order to mitigate the tree loss without replacement plantings off-site. The applicant may be required to submit an evaluation, appraisal or replacement plan prepared by a qualified horticulturist, arborist or licensed landscape architect.



Monterey cypress tree #5 is located off site across the street from the property. This tree has poor vigor and poor form, as a heavy amount of decay was located on the tree's trunk. A history of large limb loss was also visible in this tree's canopy. This tree is extremely hazardous to anyone walking or driving (in the future) on San Pedro Terrace road. It is recommended to remove this tree as soon as possible.

Showing hazardous cypress tree #5

The information included in this report is believed to be true and based on sound arboricultural principles and practices.

Sincerely,

Kevin R. Kielty
Certified Arborist WE#0476A

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Supporting photos:



Showing past tree failure



Showing history of limb loss

