# Kielty Arborist Services LLC

Certified Arborist WE#0476A P.O. Box 6187 San Mateo, CA 94403 650- 515-9783

July 26, 2016

Ani Patel 1036 North 4th Street San Jose, CA 95112

Site: 1036 North 4th Street, San Jose CA

Dear Ms. Patel,

As requested on Monday, July 11, 2016, I visited the above site for the purpose of inspecting and commenting on the trees. A new development project is planned for this site and your concern as to the future health and safety of the trees has prompted this visit.

#### Method:

All inspections were 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 in San Jose). 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.

(2)

**Survey:** 

Tree#	Species	DBH	CON	HT/SI	<b>P</b> Comments
1	Lemon (Citrus spp.)	3.8-2.3	50	8/10	Fair to poor vigor, fair form, codominant at base, abundance of dead wood and die back.
2	Persimmon (Diospyros kaki)	9.6	70	20/15	
3	Curry leaf tree (Murraya koenigii)	6.5-3.8 )	40	20/8	Good vigor, poor form, topped, codominant at base.
4*	Black pine (Pinus thunbergii)	9.8	70	8/6	Good vigor, fair form, bonsai, heavily pruned, street tree.
5*	Black pine (Pinus thunbergii)	1.3	0	6/3	DEAD, street tree.

<sup>\*</sup>Indicates street tree.

## **Summary:**

The trees on site are a mix of imported trees to this area of San Jose. All of the trees on site are proposed for removal for the building of a proposed hotel. None of the trees located on site are ordinance size trees. The city of San Jose's municipal code states: "For multifamily residences, commercial properties, and industrial properties, a permit is required for the removal of trees of any size. For trees on these properties, a Tree Removal Permit is required if the tree is ordinance sized, or a Permit adjustment is required if the tree is smaller than ordinance sized." Therefore a permit adjustment will be required as these trees are smaller than ordinance size. All permit adjustment applications are to be completed by the applicant.



The proposed plan will be a benefit to the area, as the site in its current state looks in disrepair. There are 2 street trees on this property that are located in a raised planting bed. One of the street trees is dead. Both of these trees are also proposed for removal. The city of San Jose's municipal code states: "For permission to remove, prune, or plant City street trees (generally located between the sidewalk and curb), please contact the Department of Transportation at (408) 277-2762, or visit their website for additional information." If the plans are to change and a tree is to be retained, The following tree protection plan will help ensure the safety and health of the retained trees on site.

#### **Showing dead street tree**

## **Tree Protection Plan:**

Tree protection zones should be established and maintained throughout the entire length of the project. Fencing for the protection zones should be 6 foot tall metal chain link type supported my 2 inch metal poles pounded into the ground by no less than 2 feet. The support poles should be spaced no more than 10 feet apart on center. The location for the protection fencing should be as close to the dripline as possible still allowing room for construction to safely continue. Signs should be placed on fencing signifying "Tree Protection Zone - Keep Out". No materials or equipment should be stored or cleaned inside the tree protection zones.

Trenching for irrigation, electrical, drainage or any other reason should be hand dug when beneath the driplines of protected trees. Hand digging and carefully laying pipes below or beside protected roots will dramatically reduce root loss of desired trees thus reducing trauma to the entire tree. Trenches should be backfilled as soon as possible with native material and compacted to near its original level. Trenches that must be left exposed for a period of time should also be covered with layers of burlap and kept moist. Plywood over the top of the trench will also help protect exposed roots below.

Normal irrigation should be maintained throughout the entire length of the project. The imported trees on this site will require irrigation during the warm season months. Some irrigation may be required during the winter months depending on the seasonal rainfall. During the summer months the trees on this site should receive heavy flood type irrigation 2 times a month. During the fall and winter 1 time a month should suffice. During any excavation near protected trees the site arborist shall be notified and called out to the site to inspect what root cutting or root trauma may occur. At this time an irrigation schedule will be set up depending on the impact.

During the demolition process all tree protection measures must be in place. All vehicles must remain on paved surfaces if possible. Parking will not be allowed off the paved surfaces. The removal of foundation materials, when inside the driplines of protected trees, should be carried out with care. Hand excavation may be required in areas of heavy rooting. Exposed or damaged roots should be repaired and covered with native soil.

This information should be kept on site at all times. 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 David P. Beckham Certified Arborist WE#10724A

