



**An Inspection of the Front Yard Existing Trees
523 Carroll Street
Sunnyvale, California**

Assignment

I was asked by Mr. Georgiy Novitskiy, Project Manager, SC Design Group, to provide an brief evaluation of the existing trees in the front yard of the property at 523 Carroll Street, Sunnyvale, California.

Observations

I inspected the trees on February 24, 2016.

The trees in the front yard are as follows:

Tree #	Name	Trunk Diameter (inches)	Approx. Height (feet)	Approx. Spread (feet)	Health Rating (1-5)	Structural Integrity Rating (1-5)	Notes
Tree # 1	Crape Myrtle (<i>Lagerstromia indica</i>)	2.4 / 2.0	10	8	1	2	
Tree # 2	Australian Willow (<i>Geijera parvifolia</i>)	14.0	30	30	1	3	1 Girdling Root
Tree # 1	Crape Myrtle (<i>Lagerstromia indica</i>)	1.0/1.0/1.0	8	6	1	2	
Tree # 4	Douglas Fir (<i>Pseudotsuga menziesii</i>)	34.3	30	35	1	4	Topped at 20 feet

The range of the health and structural integrity rating scale (1-5), which I use is briefly described as follows: (1) Excellent, (2) Good, (3) Fair, (4) Poor, (5) Extremely Poor.

Trees # 1, 2, and 3 are located in the Park Strip, south to north respectively. Tree # 4 is located in the front yard approximately 8-10 feet from the south side property boundary.

Mr. Novitskiy reports that the existing residence would be demolished and that the new proposed driveway would be located on the left (or south) side facing the property from Carroll Street. This new driveway construction would require at least the removal of Trees # 1 and 4.

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In that event, Trees # 1 and 4 would require removal. Tree # 3 may also require removal depending on the width of the driveway. It would not likely be possible to construct the new driveway adjacent to the trunk of Tree # 3. Based on its trunk diameter, I estimate the distance between the trunk of Tree # 3 and the edge of the new driveway must be a minimum of 7 feet.

If this distance cannot be achieved, Tree # 3 may also require removal.

Value Assessment

In accordance with the requirements of the City of Sunnyvale, I have prepared an Value Assessment of the 4 trees located in the front yard.

The method used for the appraisal of the 4 trees is the Trunk Formula Method, in accordance with the International Society of Arboriculture (ISA), Guide for Plant Appraisal, 9th Edition and the ISA Western Chapter Species Classification Guide. I have prepared an Excel spreadsheet to perform the Trunk Formula Method calculations, which is attached.

Respectfully submitted,



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