

Appendix C

Arborist Report

December 30, 2019

(Revised February 2, 2020)

ARBORIST REPORT

RE: TREE IMPACT ASSESSMENT

DECEMBER 30, 2019 (INVENTORY REV. 2/20/20)

PREPARED FOR:

Diane Elskamp-Bock

Bergman KPRS

SITE ADDRESS:

Santa Teresa Village
7028 Santa Teresa Blvd, San Jose, CA 95139



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Certified Arborist since 2008

ASSIGNMENT

On December 27th, 2019 at Ms. Bergman's request, I visited the project site at Santa Teresa Village marketplace. The purpose was to generate a report to document the basic characteristics and proposed project impacts for four trees identified for removal as a result of the recent parking study. This report may be submitted to the City as part of a permit application.

FINDINGS

For the purposes of this report, I labeled the trees #1 - #4 (see Photos A – D). Trees #1 - #3 were crape myrtles and Tree #4 was an Australian willow. All trees were in small parking lot islands; #1 and #4 were growing in 4' strips and Trees #2 and #3 were in 4' x 4' spaces. Please see the attached Tree Inventory and Site Map for the locations and basic attributes of the four trees identified for removal at the project site.

After review of plan sheet set (dated 9-5-19) it was my understanding that a new restaurant was proposed for the shopping center, with parking configured as necessary to meet City requirements. Trees #1 - #4 would be within the footprint of the proposed developments.



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CONCLUSIONS

Retention of trees #1 - #4 would not be possible if the project were to move forward as planned. Therefore, I assigned a “severe” impact rating to these trees, with “low” suitability for retention. From review of the proposed plans, I understood that there would be a significant net increase in new trees and urban forest benefits if the project were to move forward (see plan sheet L1). **With these considerations in-mind, removal of Trees #1 - #4 would be justified for the economic development of the parcel.**

If the parties involved have any questions on the assessments provided in this report, please feel free to contact me.

Sincerely,



Bo Firestone

ISA-Certified Arborist WE-#8525A

ISA Tree Risk Assessor Qualified

ASCA Tree and Plant Appraisal Qualification

Member, American Society of Consulting Arborists

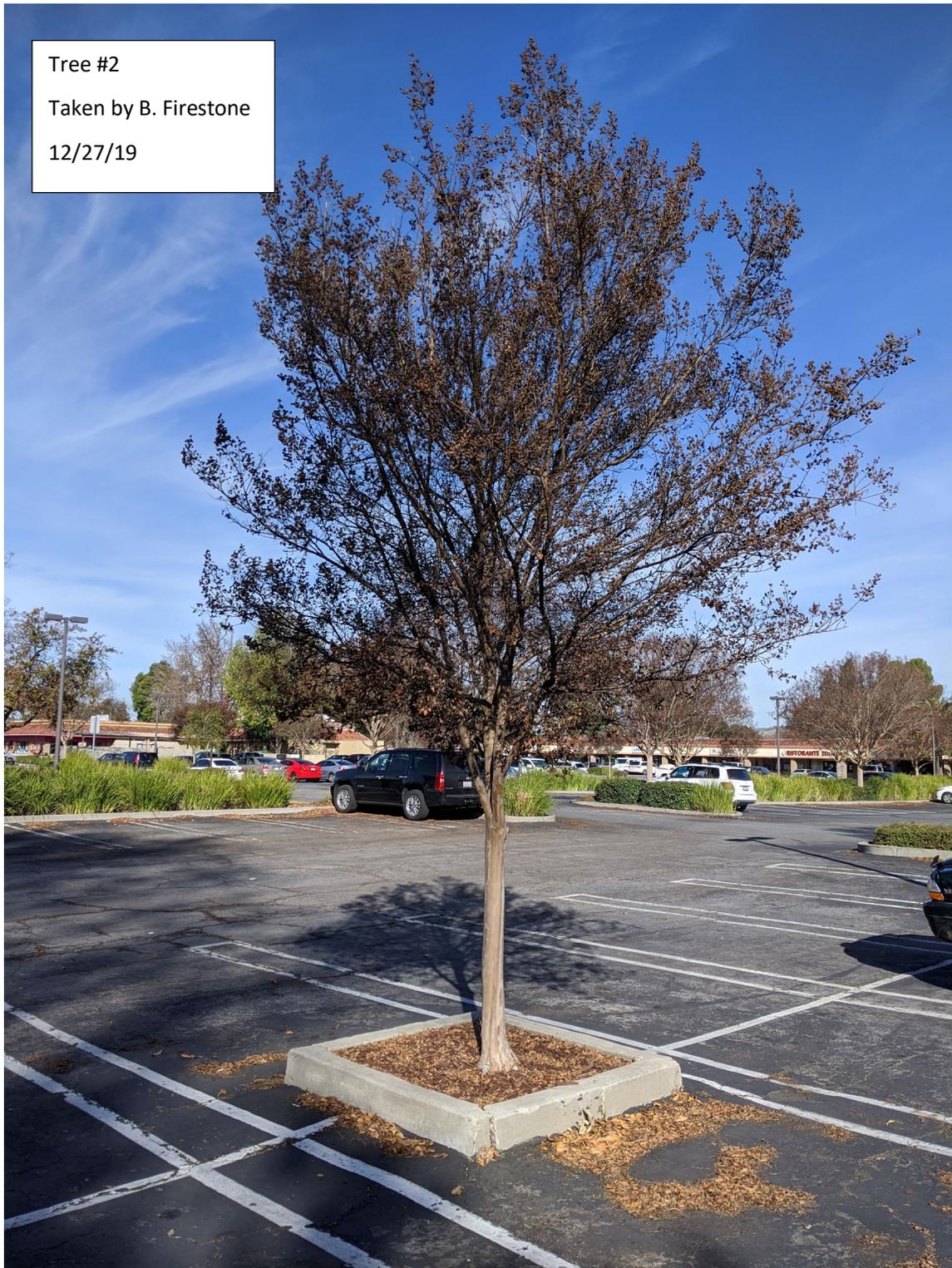
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SUPPORTING INFORMATION

PHOTOS



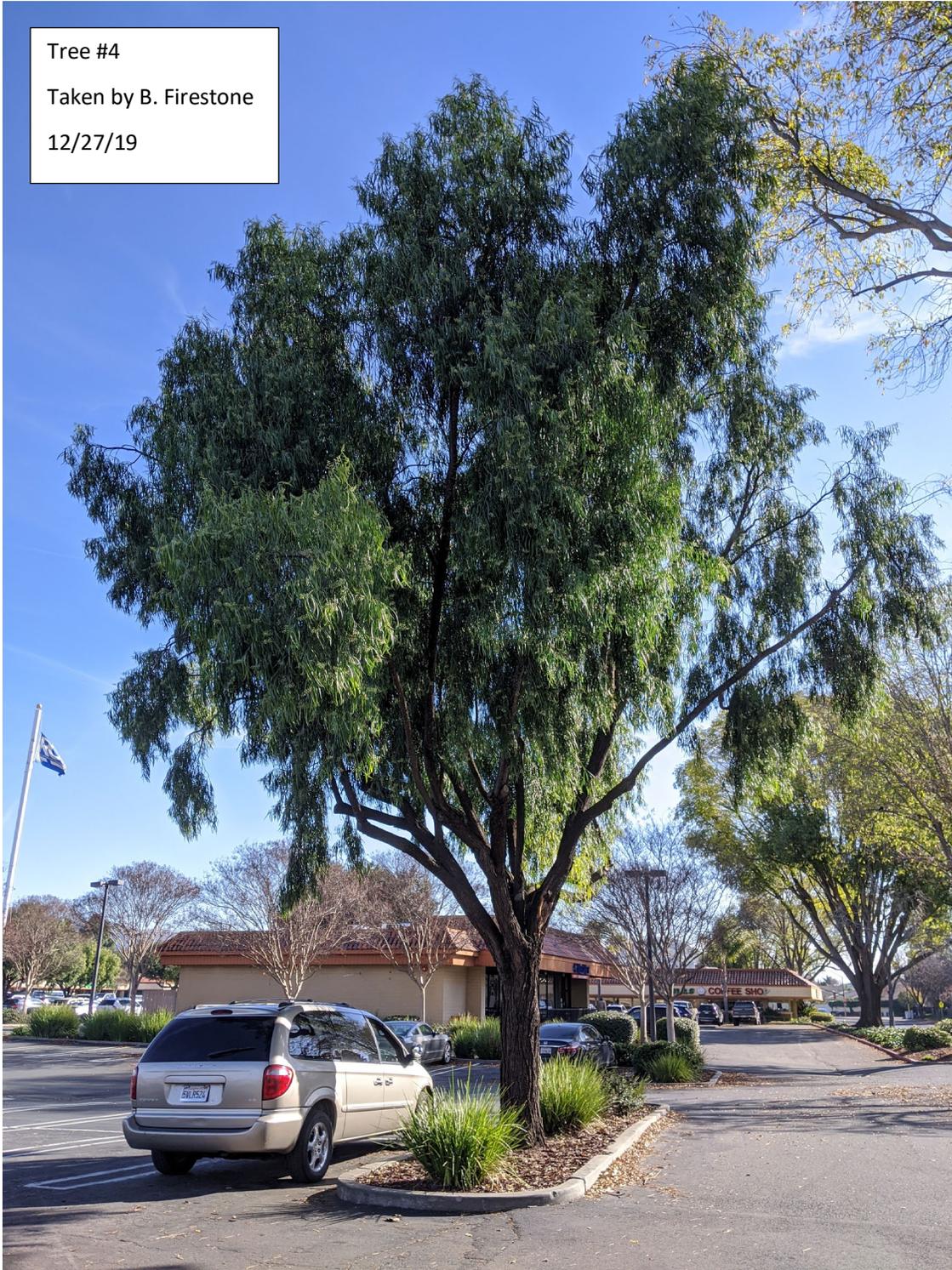
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Tree #3
Taken by B. Firestone
12/27/19

Tree #4
Taken by B. Firestone
12/27/19



Glossary

DBH: Diameter at 4.5' above grade.

Mathematic DBH: diameter of multitrunked tree, mathematically derived from the combined area of all trunk

CIRC.: Combined trunk circumference at 4.5' above grade.

SPREAD: Diameter of canopy between farthest branch tips

CONDITION-Ground based visual assessment of structural and physiological well-being:

"**Excellent**" = 81 - 100%; Good health and structure with significant size, location or quality.

"**Good**" = 61-80%; Normal vigor, full canopy, no observable significant structural defects, many years of service life remaining.

"**Fair**" = 41-60%; Reduced vigor, significant structural defect(s), and/or other significant signs of stress

"**Poor**" = 21- 40%; In potentially irreversible decline, structure an aesthetics severely compromised

"**Very Poor**" = 6-20%; Nearly dead, or high risk of failure, negative contribution to the landscape

"**Dead/Unstable**" = 0 - 5%; No live canopy/buds or failure imminent

IDEAL TPZ RADIUS: Minimum recommended tree protection radius to ensure healthy, sound trees. Based on species tolerance, age, and size (total combined stem area). Compromising the radius in a specific area may be acceptable as per arborist approval.

AGE: Relative to the lifespan of the tree; "Young" <1/3; "Mature" 1/3 - 2/3; "Overmature" >2/

IMPACT: Anticipated impact to an individual tree including.....

SEVERE - In direct conflict, removal necessary if plans proceed (distance to root cuts/fill within 3X dbh)

HIGH - Ideal TPZ significantly encroached upon but could still be retained with monitoring or alternative building methods. Health and structure may worsen even if conditions for retainment are met. May recommend alternative TPZ method due to proximity to work.

MODERATE - Minor or no encroachment on ideal TPZ. Longevity uncompromised with standard protection.

LOW - Ideal TPZ well exceeded. Potential impact only by ingress/egress. Longevity uncompromised.

VERY LOW - Negligible anticipated impact.

SUITABILITY RATING: An individual tree's suitability for preservation considering impacts, condition, maturity, species tolerance, site characteristics, and species desirability. (HIGH, MODERATE, or LOW)

PRESCRIPTION: Preserve (retain with protection measures) or Remove

TREE INVENTORY - 7028 SANTA TERESA BLVD., SAN JOSE 95136

BERGMAN KPS Rev. 2/20/20

							TREE IMPACT ASSESSMENT				
Number	Common Name	Botanical Name	Circ. (inches)	DBH (inches)	Height (feet)	Spread (feet)	Condition	Age	Impact Level	Suitability Rating	Prescription
1	Crape Myrtle	<i>Lagerstroemia indica</i>	91	4, 3, 3, 3, 3, 2, 2, 2, 2, 2, 1, 1, 1	20	18	GOOD	MATURE	SEVERE	LOW	REMOVE (X)
2	Crape Myrtle	<i>Lagerstroemia x fauriei 'Tuscarora'</i>	14	4.5	20	18	GOOD	MATURE	SEVERE	LOW	REMOVE (X)
3	Crape Myrtle	<i>Lagerstroemia x fauriei 'Tuscarora'</i>	14	4.5	15	12	GOOD	MATURE	SEVERE	LOW	REMOVE (X)
4	Australian Willow	<i>Geijera parviflora</i>	60	19	45	40	FAIR	MATURE	SEVERE	LOW	REMOVE (X)

SITE MAP - TREES PROPOSED FOR REMOVAL
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#2

#1

#3

#4

7076 SANTA TERESA BLVD.

Google