

Preliminary Tree Report
Santana Row
Lots 9 and 17
3088 Olsen Drive
San Jose, CA 95128

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Preliminary Tree Report
Santana Row
Lots 9 and 17
3088 Olsen Drive
San Jose, CA 95128

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Introduction and Overview

David J. Powers & Assoc., while coordinating an Environmental Impact Statement, have contracted with Concentric Ecologies to develop a Tree Report for review by the City of San Jose, California. The site will be referred to as:

Santana Row
Lots 9 and 17
3088 Olsen Drive
San Jose, CA 95128

The report includes the following information:

- An evaluation of the health of the trees from a ground level, visual inspection.
- An evaluation of the impacts of the proposed development on the trees.
- Overhead maps showing tree locations.

The inspection was done at ground level and no biological tests were performed.

Methods

The inventory includes the diameter at 48 inches above grade, overall health/vigor and the potential hazards the trees may pose to structures and pedestrians. The inspection includes all tree measuring 6 inches in diameter and greater. The inspection was done visually and no biological tests were performed. The survey followed the following steps:

1. Tree Identification, as per species and variety, where able.
2. Measuring the diameter of each tree at 48 inches above grade.
3. Evaluating the overall health of each individual tree using a 1 through 5 rating system whereas;

1. = Poor Health
2. = Fair Health
3. = Average
4. = Good Health
5. = Excellent Health

4. Rated the suitability for preservation whereas:

Good = Trees with good or excellent health and good or excellent structure and have a reasonable chance to survive construction.

Moderate = Trees that have an average or fair health and average or fair structure and, with adequate care, may survive the construction.

Poor = Trees that, either because of poor health or poor structure, are not good candidates for survival. This category may include species that are unsuitable for landscapes.

Tree preservation considers several different factors.

- Overall tree health is the main consideration when ascertaining a tree's chance of surviving the ordeal of surviving in a construction zone.
- Species life span or longevity – if a tree is near the end of its useful life it may not be a good candidate for preservation.
- Structure – Often overlooked, improper structure can limit a tree's lifespan and therefore lower the tree's overall suitability for preservation.
- Individual tree responses – Some trees are more tolerant of disturbance; while others are not.

Description of Comments

(As seen in the Complete Inventory Report)

<i>Comment Code</i>	<i>Description</i>
AP	Aphids – Tree exhibits signs of infestation by this sucking insect.
BB	Bark Beetles- tree exhibits signs consistent with this boring insect.
BF	Previous Branch Failure – Trees that have previously had branch failures are likely to have additional branch failures.
CB	Crossed Branches – Crossed branches can cause injury and predispose a limb for failure
CD	Co-dominant stems – Two or more main stems (or "leaders") that are about the same diameter and emerge from the same location
DE	Decay – The tree displays significant decay that may undermine the structural integrity of the plant.
GR	Girdling Root(s) =Root have grown around the main stem of the tree and are cutting off and/or restricting the movement of water, plant nutrients and stored food reserves.
HZ	HAZARDOUS CONDITIONS EXIST FOR THIS TREE. THE TREE SHOULD BE ADDRESSED IMMEDIATELY.
IC	Inspect Cables- The tree contains cables that should be inspected annually.
II	Insect infestation- The tree exhibits signs of Insect infestation.
LN	Leaning- The tree exhibits a lean that is dangerous and can lead to failure (toppling).
LT	Loins Tailing- a form of over-pruning; leaves too much weight at the

	end of the branch.
MS	Multi-Stemmed - branches are generally too narrow, and as the tightly-crowded branches grow in girth, the tree begins to push itself apart.
NP	Neutral Plane Crack = compression and tension stresses in a leaning tree or elongated branch. Cracks and damage along the neutral plane between compressive zones
PI	Poor Irrigation- Moisture Deficient.
RC	Root Collar – Tree has it's root collar buried; significant issues may arise from this abiotic condition.
RM	Remove; Arborist recommends removal of this tree due to higher than average risk of failure.
SC	Stress Cracks- Cracks running vertically along the trunk of the tree; usually a result of great movement as a result of poor pruning habits.
TC	Tightly crowned branches - angle of the tree's branches are generally too narrow.
TP	Topped- Topping is the indiscriminate cutting of tree branches to stubs or lateral branches that are not large enough to assume the terminal role

Description of Trees

The inspection was conducted in March 2013. 92 trees were inspected. The survey includes all trees and large shrubs that are at least 6 feet tall. The survey was done from ground level and no biological tests were performed.

The survey site consists of a two flat and level lot, comprised of a parking area and an apartment complex.

The survey site consists of 17 different species of trees, with most of the variety occurring at the apartment complex. The trees in the parking area of Santana Row are properly maintained and are receiving adequate moisture.

There are 26 Poplar (*Populus nigra*) growing in the parking area, all 26 Poplars are in Average Health and are Moderate Candidates for Preservation.

22 Cottonwood (*Populus sp.*) trees are planted in the parking area, all 22 Cottonwoods are in Average Health and are Moderate Candidates for Preservation.

12 Sycamore trees (*Plantanus platanaceae*) are planted along Olsen Drive and next to the Theater, All 12 are in Average health and are Moderate candidates for Preservation.

2 Coast Live Oaks (*Quercus agrifolia*) are located in the parking area, 1 is in Fair Health and the other is in Average Health. They are both Good Candidates for Preservation. One note on these two trees, they both have mulch piled up on and against the root collar, this condition can predispose the trees to insect attacks.

There are 5 rather large Ginko Trees (*Ginko biloba*) Plated along the apartment buildings, they are in average health and are moderately suitable for Preservation.

The remainder of the trees are listed below with their comments, when applicable, in the 'Complete Inventory Report' below.

Santana Row

Report Description:

Complete Inventory

<u>Tag</u>	<u>Diameter</u>	<u>Common Name</u>	<u>Health Description</u>	<u>Preservation Description</u>	<u>Comment</u>	<u>Picture</u>
1039	7	Sycamore	Average Health	Moderate Suitability		
1040	8	Sycamore	Average Health	Moderate Suitability		
1041	6	Sycamore	Average Health	Moderate Suitability		
1042	7	Sycamore	Average Health	Moderate Suitability		
1043	8	Sycamore	Average Health	Moderate Suitability		
1044	9	Sycamore	Average Health	Moderate Suitability		
1045	19	Date Palm	Average Health	Moderate Suitability		380
1046	4	Laurel	Average Health	Moderate Suitability		
1047	4	Laurel	Average Health	Moderate Suitability		
1048	5	Laurel	Average Health	Moderate Suitability		
1049	4	Red Bud	Average Health	Moderate Suitability	GR	
1050	24	Coast Live Oak	Fair Health	Good Suitability	Buried root collar	381
1051	21	Coast Live Oak	Good Health	Good Suitability	Buried root collar	382
1052	7	Sycamore	Average Health	Moderate Suitability		
1053	6	Sycamore	Average Health	Moderate Suitability		
1054	7	Sycamore	Average Health	Moderate Suitability		
1055	6	Sycamore	Average Health	Moderate Suitability		
1056	7	Sycamore	Average Health	Moderate Suitability		
1057	5	Sycamore	Average Health	Moderate Suitability		
1058	3	Sweet Gum	Average Health	Moderate Suitability		
1059	3	Sweet Gum	Average Health	Moderate Suitability		
1060	4	Sweet Gum	Average Health	Moderate Suitability		
1061	3	Sweet Gum	Average Health	Moderate Suitability		
1062	10	Cottonwood	Average Health	Moderate Suitability		
1063	8	Cottonwood	Average Health	Moderate Suitability		
1064	11	Cottonwood	Average Health	Moderate Suitability		
1065	6	Cottonwood	Average Health	Moderate Suitability		
1066	7	Cottonwood	Average Health	Moderate Suitability		
1067	7	Cottonwood	Average Health	Moderate Suitability		
1068	5	Purple-Leaf Plum	Average Health	Moderate Suitability		
1069	12	Cottonwood	Average Health	Moderate Suitability	CD	
1070	7	Cottonwood	Average Health	Moderate Suitability		
1071	10	Cottonwood	Average Health	Moderate Suitability		
1072	10	Cottonwood	Average Health	Moderate Suitability		
1073	7	Cottonwood	Average Health	Moderate Suitability		
1074	12	Cottonwood	Average Health	Moderate Suitability		
1075	17	Poplar	Average Health	Moderate Suitability		383
1076	15	Poplar	Average Health	Moderate Suitability		
1077	10	Poplar	Average Health	Moderate Suitability		
1078	15	Cottonwood	Average Health	Moderate Suitability		
1079	8	Cottonwood	Average Health	Moderate Suitability		
1080	14	Cottonwood	Average Health	Moderate Suitability		
1081	17	Cottonwood	Average Health	Moderate Suitability		384
1082	5	Cottonwood	Average Health	Moderate Suitability		
1083	10	Cottonwood	Average Health	Moderate Suitability		
1084	18	Cottonwood	Average Health	Moderate Suitability		385
1085	8	Purple-Leaf Plum	Average Health	Moderate Suitability		
1086	3	Crabapple	Average Health	Moderate Suitability		
1087	3	Crabapple	Average Health	Moderate Suitability		
1088	12	Poplar	Average Health	Moderate Suitability		
1089	8	Poplar	Average Health	Moderate Suitability		
1090	18	Poplar	Average Health	Moderate Suitability		386
1091	17	Poplar	Average Health	Moderate Suitability		386

* Comments: AP= Aphids, BB= Bark Beetles, BC= Buried Root Collar, BF= Previous Branch Failure, CB= Crossed Branches, CD= Co-Dominant Stems, DE= Decay, GR= Girdling Root(s), HZ= Hazardous, IC= Inspect Cables, II= Insect Infestation, LN= Leaning, LT= Lions Tailed, MS=Multi-Stemmed, NP= Neutral Plane Crack, PI= Poor Irrigation, RC= Root Collar, RM= Remove, SC= Stress Cracks, TC= Tightly-Crowded Branches, TP= Topped

Santana Row

Report Description:

Complete Inventory

<u>Tag</u>	<u>Diameter</u>	<u>Common Name</u>	<u>Health Description</u>	<u>Preservation Description</u>	<u>Comment</u>	<u>Picture</u>
1092	14	Cottonwood	Average Health	Moderate Suitability		
1093	11	Cottonwood	Average Health	Moderate Suitability		
1094	7	Cottonwood	Average Health	Moderate Suitability		
1095	13	Poplar	Average Health	Moderate Suitability		
1096	16	Poplar	Average Health	Moderate Suitability		387
1097	22	Poplar	Average Health	Moderate Suitability		387
1098	25	Date Palm	Average Health	Moderate Suitability		388
1099	22	Poplar	Average Health	Moderate Suitability	CD	389
1100	15	Poplar	Average Health	Moderate Suitability		389
1101	21	Poplar	Average Health	Moderate Suitability		389
1102	17	Poplar	Average Health	Moderate Suitability		389
1103	7	Poplar	Average Health	Moderate Suitability		
1104	15	Poplar	Average Health	Moderate Suitability		390
1105	22	Poplar	Average Health	Moderate Suitability		390
1106	18	Poplar	Average Health	Moderate Suitability		390
1107	20	Poplar	Average Health	Moderate Suitability		390
1108	16	Poplar	Average Health	Moderate Suitability		391
1109	21	Poplar	Average Health	Moderate Suitability		391
1110	17	Poplar	Average Health	Moderate Suitability		391
1111	13	Poplar	Average Health	Moderate Suitability		
1112	20	Poplar	Average Health	Moderate Suitability		392
1113	25	Poplar	Average Health	Moderate Suitability		392
1114	20	Date Palm	Average Health	Moderate Suitability		392
1115	9	Poplar	Average Health	Moderate Suitability		
1116	24	Ginko	Average Health	Moderate Suitability		393
1117	30	Ginko	Average Health	Moderate Suitability		394
1118	32	Ginko	Average Health	Moderate Suitability		395
1119	18	Ginko	Average Health	Moderate Suitability		396
1120	31	Camphor	Fair Health	Moderate Suitability		397
1121	33	Ginko	Average Health	Moderate Suitability		398
1122	4	Ginko	Average Health	Moderate Suitability		
1123	6	Citrus	Average Health	Moderate Suitability		
1124	4	Japanese Maple	Average Health	Moderate Suitability		
1125	4	Japanese Maple	Average Health	Moderate Suitability		
1126	12	Spruce	Average Health	Moderate Suitability		
1127	17	Juniper	Average Health	Moderate Suitability		
1128	24	Juniper	Average Health	Moderate Suitability		
1129	4	Crape Myrtle	Average Health	Moderate Suitability		
1130	4	Crape Myrtle	Average Health	Moderate Suitability		

Total Number Of Trees:

92

Average Diameter:

12

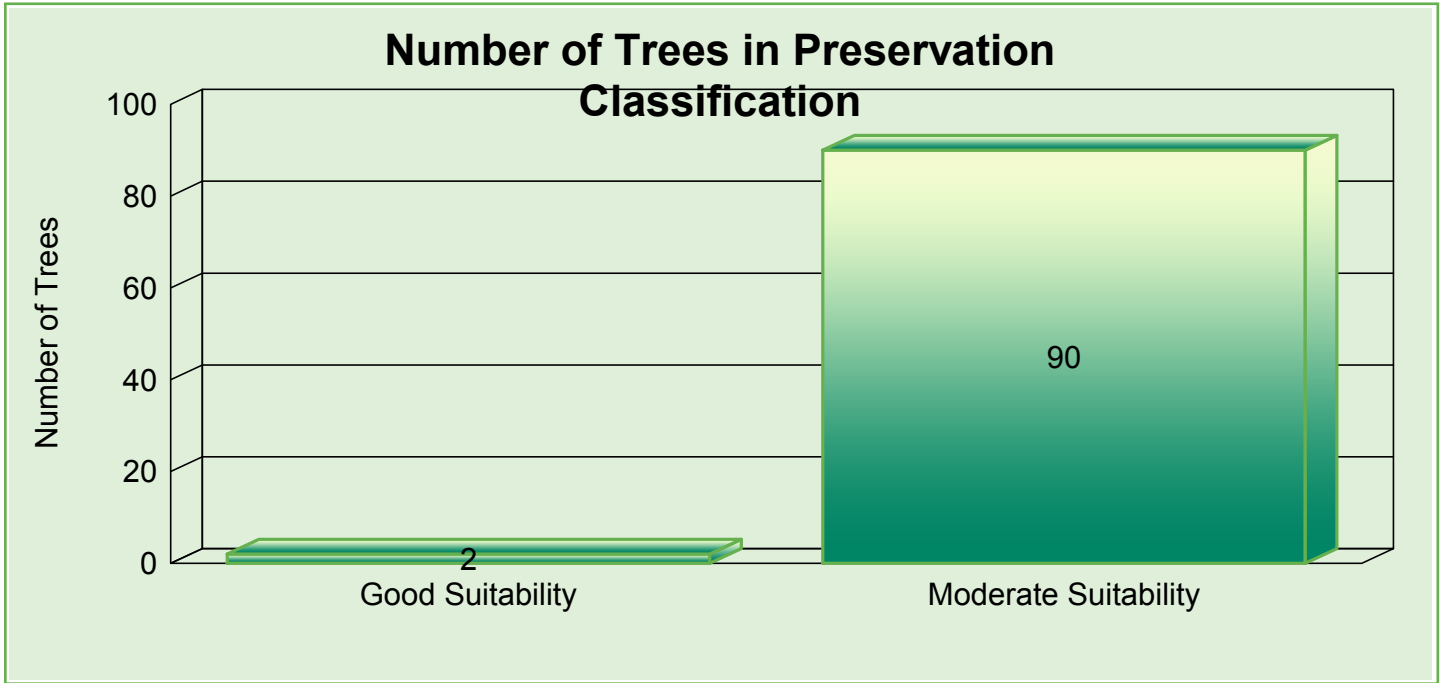
* Comments: AP= Aphids, BB= Bark Beetles, BC= Buried Root Collar, BF= Previous Branch Failure, CB= Crossed Branches, CD= Co-Dominant Stems, DE= Decay, GR= Girdling Root(s), HZ= Hazardous, IC= Inspect Cables, II= Insect Infestation, LN= Leaning, LT= Lions Tailed, MS=Multi-Stemed, NP= Neutral Plane Crack, PI= Poor Irrigation, RC= Root Collar, RM= Remove, SC= Stress Cracks, TC= Tightly-Crowded Branches, TP= Topped

Santana Row

Printed Date: 2/26/2013

Last modified: 2/21/2013

Report Description:



Good Suitability

1050	24	Coast Live Oak	Fair Health	Buried root collar	381
1051	21	Coast Live Oak	Good Health	Buried root collar	382

Total for Good Suitability: 2

Tag	Diameter	Common Name	Health Description	Comment	Picture
Moderate Suitability					
1039	7	Sycamore	Average Health		
1040	8	Sycamore	Average Health		
1041	6	Sycamore	Average Health		
1042	7	Sycamore	Average Health		
1043	8	Sycamore	Average Health		
1044	9	Sycamore	Average Health		
1045	19	Date Palm	Average Health		380
1046	4	Laurel	Average Health		
1047	4	Laurel	Average Health		
1048	5	Laurel	Average Health		
1049	4	Red Bud	Average Health	GR	
1052	7	Sycamore	Average Health		
1053	6	Sycamore	Average Health		
1054	7	Sycamore	Average Health		
1055	6	Sycamore	Average Health		
1056	7	Sycamore	Average Health		
1057	5	Sycamore	Average Health		
1058	3	Sweet Gum	Average Health		
1059	3	Sweet Gum	Average Health		
1060	4	Sweet Gum	Average Health		
1061	3	Sweet Gum	Average Health		
1062	10	Cottonwood	Average Health		
1063	8	Cottonwood	Average Health		
1064	11	Cottonwood	Average Health		
1065	6	Cottonwood	Average Health		
1066	7	Cottonwood	Average Health		
1067	7	Cottonwood	Average Health		
1068	5	Purple-Leaf Plum	Average Health		
1069	12	Cottonwood	Average Health	CD	
1070	7	Cottonwood	Average Health		
1071	10	Cottonwood	Average Health		
1072	10	Cottonwood	Average Health		
1073	7	Cottonwood	Average Health		

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Tag	Diameter	Common Name	Health Description	Comment	Picture
1074	12	Cottonwood	Average Health		
1075	17	Poplar	Average Health		383
1076	15	Poplar	Average Health		
1077	10	Poplar	Average Health		
1078	15	Cottonwood	Average Health		
1079	8	Cottonwood	Average Health		
1080	14	Cottonwood	Average Health		
1081	17	Cottonwood	Average Health		384
1082	5	Cottonwood	Average Health		
1083	10	Cottonwood	Average Health		
1084	18	Cottonwood	Average Health		385
1085	8	Purple-Leaf Plum	Average Health		
1086	3	Crabapple	Average Health		
1087	3	Crabapple	Average Health		
1088	12	Poplar	Average Health		
1089	8	Poplar	Average Health		
1090	18	Poplar	Average Health		386
1091	17	Poplar	Average Health		386
1092	14	Cottonwood	Average Health		
1093	11	Cottonwood	Average Health		
1094	7	Cottonwood	Average Health		
1095	13	Poplar	Average Health		
1096	16	Poplar	Average Health		387
1097	22	Poplar	Average Health		387
1098	25	Date Palm	Average Health		388
1099	22	Poplar	Average Health	CD	389
1100	15	Poplar	Average Health		389
1101	21	Poplar	Average Health		389
1102	17	Poplar	Average Health		389
1103	7	Poplar	Average Health		
1104	15	Poplar	Average Health		390
1105	22	Poplar	Average Health		390
1106	18	Poplar	Average Health		390
1107	20	Poplar	Average Health		390
1108	16	Poplar	Average Health		391

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Tag	Diameter	Common Name	Health Description	Comment	Picture
1109	21	Poplar	Average Health		391
1110	17	Poplar	Average Health		391
1111	13	Poplar	Average Health		
1112	20	Poplar	Average Health		392
1113	25	Poplar	Average Health		392
1114	20	Date Palm	Average Health		392
1115	9	Poplar	Average Health		
1116	24	Ginko	Average Health		393
1117	30	Ginko	Average Health		394
1118	32	Ginko	Average Health		395
1119	18	Ginko	Average Health		396
1120	31	Camphor	Fair Health		397
1121	33	Ginko	Average Health		398
1122	4	Ginko	Average Health		
1123	6	Citrus	Average Health		
1124	4	Japanese Maple	Average Health		
1125	4	Japanese Maple	Average Health		
1126	12	Spruce	Average Health		
1127	17	Juniper	Average Health		
1128	24	Juniper	Average Health		
1129	4	Crape Myrtle	Average Health		
1130	4	Crape Myrtle	Average Health		

Total for Moderate Suitability: 90

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Count by Species

Printed Date: 3/18/2013

Last modified: 3/7/2013

Report Description:

<u>Common Name</u>	<u>Genus</u>	<u>Species/Variety</u>	<u>Sum</u>
Camphor	Cinnamomum	camphora	1
Citrus	Citrus	x	1
Coast Live Oak	Quercus	agrifolia	2
Cottonwood	Populus	x	22
Crabapple	Malus	x	2
Crape Myrtle	Lagerstroemia	x	2
Date Palm	Pheonix	dactylifera	3
Ginko	Ginkgo	biloba	6
Japanese Maple	Acer	palmatum	2
Juniper	Juniperus	x	2
Laurel	Laurus	nobilis	3
Poplar	Populus	nigra	26
Purple-Leaf Plum	Prunus	atropurpurea	2
Red Bud	Cercis	X	1
Spruce	Picea	x	1
Sweet Gum	Liquidambar	x	4
Sycamore	Platanus	platanaceae	12

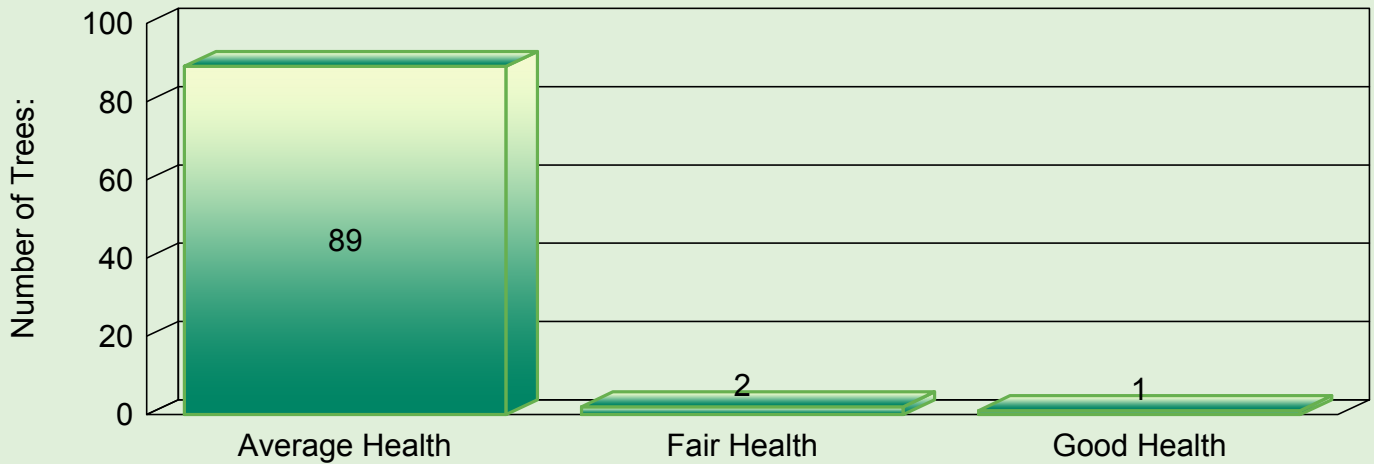
Santana Row

Printed Date: 3/18/2013

Last modified: 3/7/2013

Report Description: Tree Health and Frequency of Occurrence

Number of Trees in Health Condition



The inspection was done at ground level and no biological tests were performed.

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Tag	Dia	Common Name	genus	varitey	comment
Average Health					
1039	7	Sycamore	Platanus	platanaceae	
1040	8	Sycamore	Platanus	platanaceae	
1041	6	Sycamore	Platanus	platanaceae	
1042	7	Sycamore	Platanus	platanaceae	
1043	8	Sycamore	Platanus	platanaceae	
1044	9	Sycamore	Platanus	platanaceae	
1045	19	Date Palm	Pheonix	dactylifera	
1046	4	Laurel	Laurus	nobilis	
1047	4	Laurel	Laurus	nobilis	
1048	5	Laurel	Laurus	nobilis	
1049	4	Red Bud	Cercis	X	GR
1052	7	Sycamore	Platanus	platanaceae	
1053	6	Sycamore	Platanus	platanaceae	
1054	7	Sycamore	Platanus	platanaceae	
1055	6	Sycamore	Platanus	platanaceae	
1056	7	Sycamore	Platanus	platanaceae	
1057	5	Sycamore	Platanus	platanaceae	
1058	3	Sweet Gum	Liquidambar	x	
1059	3	Sweet Gum	Liquidambar	x	
1060	4	Sweet Gum	Liquidambar	x	
1061	3	Sweet Gum	Liquidambar	x	
1062	10	Cottonwood	Populus	x	
1063	8	Cottonwood	Populus	x	
1064	11	Cottonwood	Populus	x	
1065	6	Cottonwood	Populus	x	
1066	7	Cottonwood	Populus	x	
1067	7	Cottonwood	Populus	x	
1068	5	Purple-Leaf Plum	Prunus	atropurpurea	
1069	12	Cottonwood	Populus	x	CD
1070	7	Cottonwood	Populus	x	
1071	10	Cottonwood	Populus	x	
1072	10	Cottonwood	Populus	x	
1073	7	Cottonwood	Populus	x	
1074	12	Cottonwood	Populus	x	

The inspection was done at ground level and no biological tests were performed.

Page 2 of 4

* Comments: AP= Aphids, BB= Bark Beetles, BC= Buried Root Collar, BF= Previous Branch Failure, CB= Crossed Branches, CD= Co-Dominant Stems, DE= Decay, GR= Girdling Root(s), HZ= Hazardous, IC= Inspect Cables, II= Insect Infestation, LN= Leaning, LT= Lions Tailed, MS=Multi-Stemmed, NP= Neutral Plane Crack, PI= Poor Irrigation, RC= Root Collar, RM= Remove, SC= Stress Cracks, TC= Tightly-Crowded Branches, TP= Topped

Tag	Dia	Common Name	genus	varitey	comment
1075	17	Poplar	Populus	nigra	
1076	15	Poplar	Populus	nigra	
1077	10	Poplar	Populus	nigra	
1078	15	Cottonwood	Populus	x	
1079	8	Cottonwood	Populus	x	
1080	14	Cottonwood	Populus	x	
1081	17	Cottonwood	Populus	x	
1082	5	Cottonwood	Populus	x	
1083	10	Cottonwood	Populus	x	
1084	18	Cottonwood	Populus	x	
1085	8	Purple-Leaf Plum	Prunus	atropurpurea	
1086	3	Crabapple	Malus	x	
1087	3	Crabapple	Malus	x	
1088	12	Poplar	Populus	nigra	
1089	8	Poplar	Populus	nigra	
1090	18	Poplar	Populus	nigra	
1091	17	Poplar	Populus	nigra	
1092	14	Cottonwood	Populus	x	
1093	11	Cottonwood	Populus	x	
1094	7	Cottonwood	Populus	x	
1095	13	Poplar	Populus	nigra	
1096	16	Poplar	Populus	nigra	
1097	22	Poplar	Populus	nigra	
1098	25	Date Palm	Pheonix	dactylifera	
1099	22	Poplar	Populus	nigra	CD
1100	15	Poplar	Populus	nigra	
1101	21	Poplar	Populus	nigra	
1102	17	Poplar	Populus	nigra	
1103	7	Poplar	Populus	nigra	
1104	15	Poplar	Populus	nigra	
1105	22	Poplar	Populus	nigra	
1106	18	Poplar	Populus	nigra	
1107	20	Poplar	Populus	nigra	
1108	16	Poplar	Populus	nigra	
1109	21	Poplar	Populus	nigra	
1110	17	Poplar	Populus	nigra	

The inspection was done at ground level and no biological tests were performed.

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* Comments: AP= Aphids, BB= Bark Beetles, BC= Buried Root Collar, BF= Previous Branch Failure, CB= Crossed Branches, CD= Co-Dominant Stems, DE= Decay, GR= Girdling Root(s), HZ= Hazardous, IC= Inspect Cables, II= Insect Infestation, LN= Leaning, LT= Lions Tailed, MS=Multi-Stemmed, NP= Neutral Plane Crack, PI= Poor Irrigation, RC= Root Collar, RM= Remove, SC= Stress Cracks, TC= Tightly-Crowded Branches, TP= Topped

Tag	Dia	Common Name	genus	varitey	comment
1111	13	Poplar	Populus	nigra	
1112	20	Poplar	Populus	nigra	
1113	25	Poplar	Populus	nigra	
1114	20	Date Palm	Pheonix	dactylifera	
1115	9	Poplar	Populus	nigra	
1116	24	Ginko	Ginkgo	biloba	
1117	30	Ginko	Ginkgo	biloba	
1118	32	Ginko	Ginkgo	biloba	
1119	18	Ginko	Ginkgo	biloba	
1121	33	Ginko	Ginkgo	biloba	
1122	4	Ginko	Ginkgo	biloba	
1123	6	Citrus	Citrus	x	
1124	4	Japanese Maple	Acer	palmatum	
1125	4	Japanese Maple	Acer	palmatum	
1126	12	Spruce	Picea	x	
1127	17	Juniper	Juniperus	x	
1128	24	Juniper	Juniperus	x	
1129	4	Crape Myrtle	Lagerstroemia	x	
1130	4	Crape Myrtle	Lagerstroemia	x	

Total for Average Health: 89

Fair Health

1050	24	Coast Live Oak	Quercus	agrifolia	Buried root collar
1120	31	Camphor	Cinnamomum	camphora	

Total for Fair Health: 2

Good Health

1051	21	Coast Live Oak	Quercus	agrifolia	Buried root collar
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Total for Good Health: 1

The inspection was done at ground level and no biological tests were performed.

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* Comments: AP= Aphids, BB= Bark Beetles, BC= Buried Root Collar, BF= Previous Branch Failure, CB= Crossed Branches, CD= Co-Dominant Stems, DE= Decay, GR= Girdling Root(s), HZ= Hazardous, IC= Inspect Cables, II= Insect Infestation, LN= Leaning, LT= Lions Tailed, MS=Multi-Stemed, NP= Neutral Plane Crack, PI= Poor Irrigation, RC= Root Collar, RM= Remove, SC= Stress Cracks, TC= Tightly-Crowded Branches, TP= Topped

Santana Row

Health by Species Report:

Printed Date: 3/18/2013

Last modified: 3/7/2013

Report Description:

Camphor

Common_name	diameter	tag	health_desc	genus	varitey
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Fair Health : Camphor

Camphor	31	1120	Fair Health	Cinnamomum	camphora
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Total for Fair Health: 1

Total for Camphor: 1

Citrus

Common_name	diameter	tag	health_desc	genus	varitey
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Average Health : Citrus

Citrus	6	1123	Average Health	Citrus	x
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Total for Average Health: 1

Total for Citrus: 1

Coast Live Oak

Common_name	diameter	tag	health_desc	genus	varitey
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Fair Health : Coast Live Oak

Coast Live Oak	24	1050	Fair Health	Quercus	agrifolia
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Total for Fair Health: 1

Good Health : Coast Live Oak

Coast Live Oak	21	1051	Good Health	Quercus	agrifolia
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Total for Good Health: 1

Total for Coast Live Oak: 2

Cottonwood

Common_name	diameter	tag	health_desc	genus	varitey
-------------	----------	-----	-------------	-------	---------

Average Health : Cottonwood

Cottonwood	10	1062	Average Health	Populus	x
Cottonwood	8	1063	Average Health	Populus	x
Cottonwood	11	1064	Average Health	Populus	x
Cottonwood	6	1065	Average Health	Populus	x
Cottonwood	7	1066	Average Health	Populus	x
Cottonwood	7	1067	Average Health	Populus	x
Cottonwood	12	1069	Average Health	Populus	x
Cottonwood	7	1070	Average Health	Populus	x
Cottonwood	10	1071	Average Health	Populus	x
Cottonwood	10	1072	Average Health	Populus	x
Cottonwood	7	1073	Average Health	Populus	x
Cottonwood	12	1074	Average Health	Populus	x
Cottonwood	15	1078	Average Health	Populus	x
Cottonwood	8	1079	Average Health	Populus	x
Cottonwood	14	1080	Average Health	Populus	x
Cottonwood	17	1081	Average Health	Populus	x
Cottonwood	5	1082	Average Health	Populus	x
Cottonwood	10	1083	Average Health	Populus	x
Cottonwood	18	1084	Average Health	Populus	x
Cottonwood	14	1092	Average Health	Populus	x
Cottonwood	11	1093	Average Health	Populus	x
Cottonwood	7	1094	Average Health	Populus	x

Total for Average Health: 22

Total for Cottonwood: 22

Crabapple

Common_name	diameter	tag	health_desc	genus	varitey
-------------	----------	-----	-------------	-------	---------

Average Health : Crabapple

Crabapple	3	1086	Average Health	Malus	x
Crabapple	3	1087	Average Health	Malus	x

Total for Average Health: 2

Total for Crabapple: 2

Crape Myrtle

Common_name	diameter	tag	health_desc	genus	varitey
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Average Health : Crape Myrtle

Crape Myrtle	4	1129	Average Health	Lagerstroemia	x
Crape Myrtle	4	1130	Average Health	Lagerstroemia	x

Total for Average Health: 2

Total for Crape Myrtle: 2

Date Palm

Common_name	diameter	tag	health_desc	genus	varitey
-------------	----------	-----	-------------	-------	---------

Average Health : Date Palm

Date Palm	19	1045	Average Health	Pheonix	dactylifera
Date Palm	25	1098	Average Health	Pheonix	dactylifera
Date Palm	20	1114	Average Health	Pheonix	dactylifera

Total for Average Health: 3

Total for Date Palm: 3

Ginko

Common_name	diameter	tag	health_desc	genus	varitey
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Average Health : Ginko

Ginko	24	1116	Average Health	Ginkgo	biloba
Ginko	30	1117	Average Health	Ginkgo	biloba
Ginko	32	1118	Average Health	Ginkgo	biloba
Ginko	18	1119	Average Health	Ginkgo	biloba
Ginko	33	1121	Average Health	Ginkgo	biloba
Ginko	4	1122	Average Health	Ginkgo	biloba

Total for Average Health: 6

Total for Ginko: 6

Japanese Maple

Common_name	diameter	tag	health_desc	genus	varitey
-------------	----------	-----	-------------	-------	---------

Average Health : Japanese Maple

Japanese Maple	4	1124	Average Health	Acer	palmatum
Japanese Maple	4	1125	Average Health	Acer	palmatum

Total for Average Health: 2

Total for Japanese Maple: 2

Juniper

Common_name	diameter	tag	health_desc	genus	varitey
-------------	----------	-----	-------------	-------	---------

Average Health : Juniper

Juniper	17	1127	Average Health	Juniperus	x
Juniper	24	1128	Average Health	Juniperus	x

Total for Average Health: 2

Total for Juniper: 2

Laurel

Common_name	diameter	tag	health_desc	genus	varitey
-------------	----------	-----	-------------	-------	---------

Average Health : Laurel

Laurel	4	1046	Average Health	Laurus	nobilis
Laurel	4	1047	Average Health	Laurus	nobilis
Laurel	5	1048	Average Health	Laurus	nobilis

Total for Average Health: 3

Total for Laurel: 3

Poplar

Common_name	diameter	tag	health_desc	genus	varitey
-------------	----------	-----	-------------	-------	---------

Average Health : Poplar

Poplar	17	1075	Average Health	Populus	nigra
Poplar	15	1076	Average Health	Populus	nigra
Poplar	10	1077	Average Health	Populus	nigra
Poplar	12	1088	Average Health	Populus	nigra
Poplar	8	1089	Average Health	Populus	nigra
Poplar	18	1090	Average Health	Populus	nigra
Poplar	17	1091	Average Health	Populus	nigra
Poplar	13	1095	Average Health	Populus	nigra
Poplar	16	1096	Average Health	Populus	nigra
Poplar	22	1097	Average Health	Populus	nigra
Poplar	22	1099	Average Health	Populus	nigra
Poplar	15	1100	Average Health	Populus	nigra
Poplar	21	1101	Average Health	Populus	nigra
Poplar	17	1102	Average Health	Populus	nigra
Poplar	7	1103	Average Health	Populus	nigra
Poplar	15	1104	Average Health	Populus	nigra
Poplar	22	1105	Average Health	Populus	nigra
Poplar	18	1106	Average Health	Populus	nigra
Poplar	20	1107	Average Health	Populus	nigra
Poplar	16	1108	Average Health	Populus	nigra
Poplar	21	1109	Average Health	Populus	nigra
Poplar	17	1110	Average Health	Populus	nigra
Poplar	13	1111	Average Health	Populus	nigra
Poplar	20	1112	Average Health	Populus	nigra
Poplar	25	1113	Average Health	Populus	nigra
Poplar	9	1115	Average Health	Populus	nigra

Total for Average Health: 26

Total for Poplar: 26

Purple-Leaf Plum

Common_name	diameter	tag	health_desc	genus	varitey
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Average Health : Purple-Leaf Plum

Purple-Leaf Plum	5	1068	Average Health	Prunus	atropurpurea
Purple-Leaf Plum	8	1085	Average Health	Prunus	atropurpurea

Total for Average Health: 2

Total for Purple-Leaf Plum: 2

Red Bud

Common_name	diameter	tag	health_desc	genus	varitey
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Average Health : Red Bud

Red Bud	4	1049	Average Health	Cercis	X
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Total for Average Health: 1

Total for Red Bud: 1

Spruce

Common_name	diameter	tag	health_desc	genus	varitey
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Average Health : Spruce

Spruce	12	1126	Average Health	Picea	x
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Total for Average Health: 1

Total for Spruce: 1

Sweet Gum

Common_name	diameter	tag	health_desc	genus	varitey
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Average Health : Sweet Gum

Sweet Gum	3	1058	Average Health	Liquidambar	x
Sweet Gum	3	1059	Average Health	Liquidambar	x
Sweet Gum	4	1060	Average Health	Liquidambar	x
Sweet Gum	3	1061	Average Health	Liquidambar	x

Total for Average Health: 4

Total for Sweet Gum: 4

Sycamore

Common_name	diameter	tag	health_desc	genus	varitey
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Average Health : Sycamore

Sycamore	7	1039	Average Health	Platanus	platanaceae
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Sycamore	8	1040	Average Health	Platanus	platanaceae
Sycamore	6	1041	Average Health	Platanus	platanaceae
Sycamore	7	1042	Average Health	Platanus	platanaceae
Sycamore	8	1043	Average Health	Platanus	platanaceae
Sycamore	9	1044	Average Health	Platanus	platanaceae
Sycamore	7	1052	Average Health	Platanus	platanaceae
Sycamore	6	1053	Average Health	Platanus	platanaceae
Sycamore	7	1054	Average Health	Platanus	platanaceae
Sycamore	6	1055	Average Health	Platanus	platanaceae
Sycamore	7	1056	Average Health	Platanus	platanaceae
Sycamore	5	1057	Average Health	Platanus	platanaceae

Total for Average Health: 12

Total for Sycamore: 12

	Good Suitability	Moderate Suitability	Total
Camphor	0	1	1
Citrus	0	1	1
Coast Live Oak	2	0	2
Cottonwood	0	22	22
Crabapple	0	2	2
Crape Myrtle	0	2	2
Date Palm	0	3	3
Ginko	0	6	6
Japanese Maple	0	2	2
Juniper	0	2	2
Laurel	0	3	3
Poplar	0	26	26
Purple-Leaf Plum	0	2	2
Red Bud	0	1	1
Spruce	0	1	1
Sweet Gum	0	4	4
Sycamore	0	12	12
Total	2	90	92

2/26/2013

	Average Health	Fair Health	Good Health	Total
Camphor	0	1	0	1
Citrus	1	0	0	1
Coast Live Oak	0	1	1	2
Cottonwood	22	0	0	22
Crabapple	2	0	0	2
Crape Myrtle	2	0	0	2
Date Palm	3	0	0	3
Ginko	6	0	0	6
Japanese Maple	2	0	0	2
Juniper	2	0	0	2
Laurel	3	0	0	3
Poplar	26	0	0	26
Purple-Leaf Plum	2	0	0	2
Red Bud	1	0	0	1
Spruce	1	0	0	1
Sweet Gum	4	0	0	4
Sycamore	12	0	0	12
Total	89	2	1	92

2/26/2013



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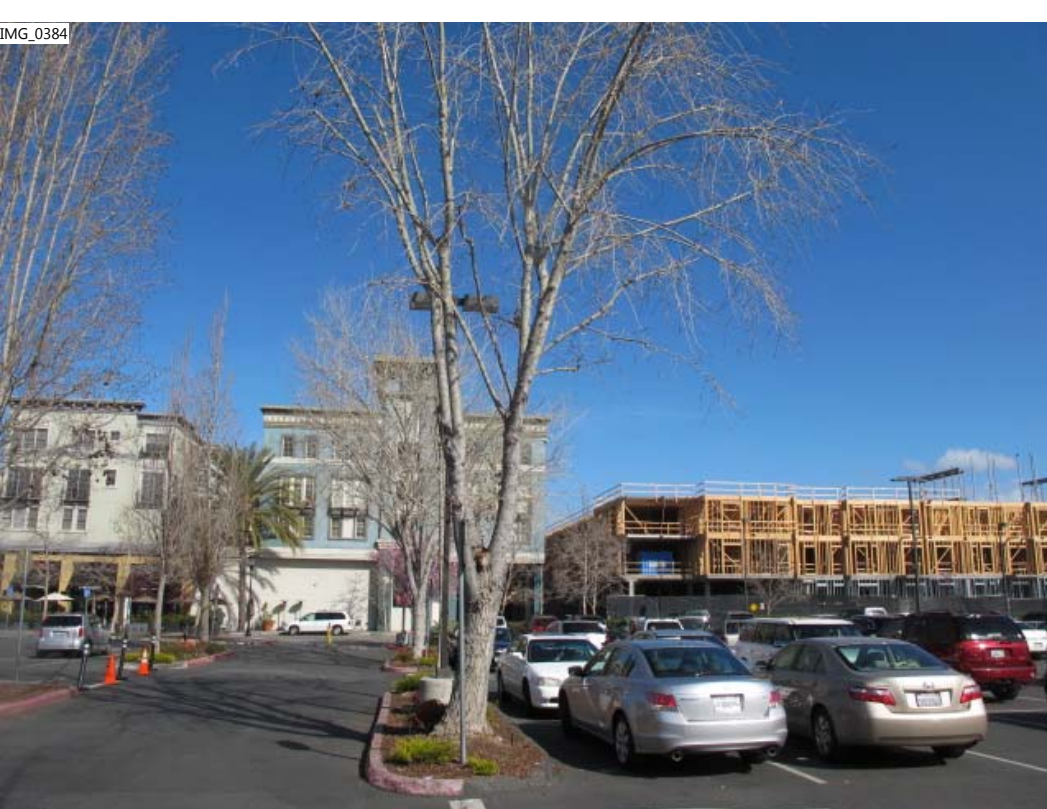
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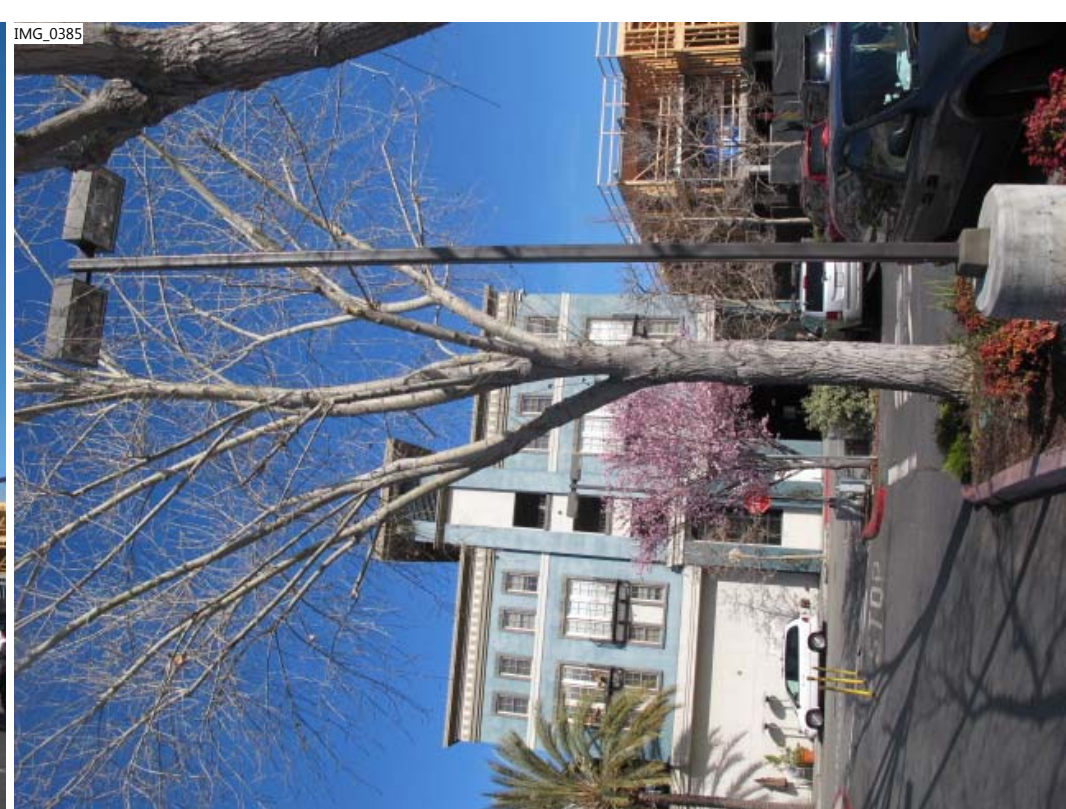
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