

FAIRFAX TREE INVENTORY- MAINTENANCE LIST

Tree Number	Species	Diameter	Health	Structure	Form	2020 Comments	2020 Recommendations	2020 Priority	# of Stems	2017 Observations	2017 Recommendations	2017 Priority	2014 Old Condition	2014 Recommendations	2014 Priority	2014 Conclusions/Comments
2	Liquidamber	13.8	Fair	Fair	Fair to Good	Canopy is dying back.	Remove limb indicated in photo.	2								
8	Liquidamber	15.4	Good	Fair	Good	Common attachment of major limbs.	Crown reduction.	2								
12	Liquidamber	17.8	Good	Fair to Good	Good	Poor attachment of large branch over SFD.	Reduce branch over SFD.	2								
13	Red maple	1.5	Good	Fair	Good		Structural pruning	2								
14	Liquidamber	19.7	Good	Fair	Good	Common attachment of four major branches.	Crown reduction.	2								
15	Liquidamber	18.8	Good	Fair	Good	Decay in old topping cut.	Crown reduction.	2								
17	Liquidamber	14 12	Fair to Good	Poor to Fair	Fair	Previously topped. Many, long, vertical stems arising from old topping cuts. Acute angle stem unions.	Crown reduction.	2								
18	Liquidamber	16	Fair to Good	Fair	Fair	Previously topped.	Crown reduction.	2								
20	Red maple	2	Good	Good	Good	Newly planted tree.	Structurally prune once per year over the next five years.	2								
26	Liquidamber	18	Fair to Good	Poor to Fair	Poor	Multiple, long, bowing branches over parking spaces, especially in the northern half of the canopy.	Crown reduction or whole tree removal.	2								
27	Chinese Pistache	1.5	Good	Fair to Good	Good		Structurally prune.	2								
28	Liquidamber	9	Fair to Good	Fair	Fair		None	2								
30	Mimosa	21.4	Good	Fair	Good	Many decay cavities around the trunk housing large ant colonies.	Crown reduction especially low limb over stairs.	2								

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101	Coast redwood	36.8	Good	Fair to Good	Fair to Good		Same	2	1	Many long branches over the road.	Remove the 10 longest branches over the road back to attachment.	0	Good health. Broken, flat top.	No maintenance needed at this time.	4	0
107	Coast redwood	34.7	Good	Fair to Good	Fair		Same	2	1	Broken, flat top with long branches over the road.	Remove the 10 longest branches over the road back to attachment. Inspect top for decay when pruning.	2	Good health. Asymmetric canopy	No maintenance needed at this time.	4	0
108	Coast redwood	13.9	Fair to Good	Fair to Good	Fair		Same	3	3	Many long branches over the road.	Remove the 2 longest branches over the road back to attachment.	3	Daughter stem from 108	No maintenance needed at this time.	4	0
109	Coast redwood	33.7	Good	Good	Fair		Same	3	1	Many long branches over the road.	Remove the 10 longest branches over the road back to attachment.	3	Good condition.	No maintenance needed at this time.	4	0
112	Valley oak	33.6					Same as 2017. Crown reduction to relieve load over the road with pruning cuts up to 4-inch in diameter.	1	1	Same.	Perform a 15% crown reduction over the road and raise canopy for vehicle clearance.	1	Good health. Leaning out over Bolinas Ave. large deadwood over lawn area	Unweight and lift canopy for road clearance.	2	0
118	Coast redwood	52.7					Same	2	1	Several branches broke out of the south side of the upper canopy in the somewhat recent past. One long lateral limb targets the road and sidewalk.	Remove said lateral limb and aerially inspect south canopy for hangers.	2	Good health and form. Dominant tree in the stand.	No maintenance needed at this time.	4	0
120	Coast redwood	32.8				Malformed top with overextended branch over road.	Remove overextended branch over road.	2	1	Same.	None.	0	Good health and structure.	No maintenance needed at this time.	4	0
126	Coast redwood	43.8				Deadwood still present. Two long branches extend over the road from the top of the tree.	Remove deadwood. Thin branches over road back to a single leader. They currently split at their ends to multiple branches.	1	1	Significant deadwood in top of canopy targeting sidewalk and road.	Remove deadwood.	1	Thick, full canopy.	No maintenance needed at this time.	4	0
127	Japanese maple	7.5 caliper	Fair to Good	Good	Good	Girdle toot still present. Necrotic area on trunk. Dieback of surface roots.	Remove girdle root.	3	1	Same.	Same	0	Good health. Severe girdle roots at base.	Prune the girdle roots and clear the root crown.	3	The girdle roots will kill the tree if left unchecked.
137	Valley oak	39.4					Same	1	1	Canopy is extremely large with a high residency time in the target zone.	Perform an aggressive crown reduction under the direction of UFA staff.	1	Good health and structure. Sound base.	Overall crown reduction.	3	0
138	Valley oak	12.1, 8.0				The power pole near this tree appears to be in poor condition and branches are rubbing on the lines.	Contact the utility company to inspect the pole. Trim branches to eliminate conflict.	3	2	Small branches rubbing on power lines.	Clear branches from power pole and lines.	3	Good health and structure.	No maintenance needed at this time.	4	0
142	Coast redwood	25.8					Same	3	1	Moderate amount of deadwood in upper canopy.	Remove deadwood.	3	Good health and structure. Second stem broken off at ~10'.	No maintenance needed at this time.	4	0

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143	Coast redwood	16.5					Same	3	1	Same.	Same	3	Good health. Poor structure. Asymmetric canopy with false leader with poor attachment.	The leader should be unweighted with thinning cuts.	3	0
145	Coast redwood	20.9					Same	3	1	Multiple dead branches in lower canopy.	Remove deadwood.	3	Good health. asymmetric canopy.	No maintenance needed at this time.	4	0
147	Coast redwood	14.7					Same	3	1	Same	Same	3	Forked top, both of which have broken. Small subordinate leader at ~30'.	Removal of the subordinate leader and one of the co-dominate stems. Alternatively, the tree could be removed as the stand is crowded and this will never be an optimal tree.	3	This tree has multiple significant defects.
149	Coast redwood	17.7				Four Resistograph tests were performed in the trunk at four feet above grade. The results suggest there is 3-5 inches of sound wood. The tree leans toward the road and 25 Park Road. The diameter of the trunk at four feet is 18-inches. Assuming an average of 4 inches of sound wood approx. 44% of sound wood exists at this point on	Whole tree removal.	2	1	Same	Same	3	Malformed top with two small co-dominate leaders.	Remove one of the leaders.	3	0
151	Coast redwood	12.7					Same	2	1	Same	Same	2.5	Shared base with 150. Stem arcs out towards the road with several large branches and new top extended in that direction as well.	Whole tree removal.	2.5	This is a poorly formed tree in a crowded pocket.
155	Coast redwood	13.1					Same	1	1	Same.	Same	1	Main stem is broken at ~11'. A new small leader has formed.	Whole tree removal.	1	This new leader will have a structural weak point at the former break that will only increase in risk of failure with age and size.
156	Coast redwood	20.6					Same	3	1	Same.	Same	3	Subordinate leader at top with poor attachment.	Remove subordinate leader.	3	0
159	Coast redwood	17.8					Remove deadwood over picnic area	3	1	Sparse canopy and small diameter deadwood in upper canopy.	Remove deadwood over picnic area.	3	Shared base with 160. Asymmetric canopy and broken/malformed top.	No maintenance needed at this time.	4	0
161	Coast redwood	29.5				Hollow resonance produced while sounding lower trunk.	Resistance drill test to determine sound wall thickness.	2	2	Same	None.	0	Acute angle crotch with subordinate leader at 8.5'.	No maintenance needed at this time.	4	0
165	Coast redwood	21.7					Same	3	1	Slight lean. Minor deadwood.	Same	3	Good deal of deadwood in canopy targeting picnic area. Shared base with 164.	Prune deadwood.	3	0

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172	Coast redwood	21.9				The old observations are confusing. There is no oak tree near this tree. The tree appears to have had two trunks in the past. One was removed. The remaining stem is attached to the swollen base. Moderate deadwood in the canopy.	Remove deadwood.	2	1	Same.	None.	0	Suppressed and growing under oak.	No maintenance needed at this time.	4	May eventually conflict with oak.
176	Coast redwood	16.3					Same	3	1	Same	Same	3	Suppressed. Tightly spaced. Lean over sidewalk. Wound at base covered with horse wire. Yellow jacket nest at base. Malformed top.	Remove.	3	This tree will never thrive and is only crowding the larger, healthier tree around it.
177	Coast redwood	16				Hollow resonance produced while sounding trunk.	Resistance drill inspection	3	1	Same	None.	0	Fair. Yellow jackets at base. Tightly spaced.	No maintenance needed at this time.	4	0
181	Coast redwood	50					Same	3	2	Same	Same	0	Bifurcated just above DBH with an acute angle crotch. Canopy looks full and healthy. There are deformed tops in both stems but neither appear to be of concern.	Monitor for signs of crotch failure.	4	This tree has a poor structural form.
185	Coast redwood	0					Prune for clearance over path.	3	0	Large old decay cavity in base and old decaying stump from a previously removed spar.	None.	0	0	0	0	0
190	Coast redwood	42.5				Over extended branches still present.	Remove approximately 4-5 overextended branches in the upper canopy	2	1	Same.	Remove approximately 4-5 overextended branches in the upper canopy.	3	Many large overextended branches. Good health.	No maintenance needed at this time.	4	0
195	Coast redwood	42.3					Remove branch	2	1	Broken branch suspended at 35'.	Remove branch.	2	Fair health and structure. Two hanging branches at the bottom of the canopy. Several overextended branches towards the creek. The area below appears to get fairly active use.	No maintenance needed at this time.	4	0
202	Coast redwood	14.5				Necrotic strip on inside face of trunk. Hanging branch is gone.	Remove dead branch from canopy	2	1	There is a dead branch approx. 2" diameter suspended in its canopy.	Remove dead branch from canopy.	2	Shared base. Suppressed. Fair health and structure.	No maintenance needed at this time.	4	0
204	Coast redwood	32.7				Deadwood still present.	Remove deadwood.	2	1	There are multiple dead branches 2-4" diameter in lower canopy.	Remove deadwood.	2	Shared base with 202 and 203. Fair health and structure. Embedded dead branch at 5'.	No maintenance needed at this time.	4	0
207	Coast redwood	12.3					Same	1	1	Advanced decay in the base and up into the stem. Declining.	Whole tree removal.	1	Forked top with dead spar. Fair health. Suppressed.	No maintenance needed at this time.	4	0
216	Coast redwood	30					Remove false leader	2	1	Same	Same	0	Large false leader on north side.	Monitor false leader but no maintenance at this time.	4	0
218	Coast redwood	18.6					Remove deadwood	3	1	Same	Remove deadwood	3	Great deal of deadwood and the top is dead or dying.	No maintenance needed at this time.	4	0

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219	Coast redwood	19.1				South lean	Remove deadwood	3	1	Same	Remove deadwood	4	Deadwood over picnic table. Poor/fair health.	No maintenance needed at this time.	4	0
220	Coast redwood	15.7	Very Poor			Nearly dead	Whole tree removal	1	1	Significant canopy dieback. Top is dead.	Remove dead top and deadwood.	4	Strong lean to NW. Some deadwood in canopy	No maintenance needed at this time.	4	0
223	Coast redwood	11.5					Same	3	1	Dead branches suspended in lower canopy.	Remove deadwood targeting sidewalk.	4	Shared base with 222. Suppressed with deformed top and a good deal of deadwood.	Prune deadwood.	3	0
237	Valley oak	32.8				Decay appears to have slowed. Main trunk cracked between days of inspection.	Immediate Whole tree removal.	1	1	Active decay observed on the southwest side of the tree below grade. The canopy was significantly reduced since the previous inspection	Perform an extensive root crown excavation to determine the extent of the decay. Tree is at an elevated risk of failure due to recent failures of adjacent Oaks.	1	Leans west over women's center. Beginning to decay at and below grade on the SW side. Acute angle crotch at 8'. Healthy canopy with a good deal of sprout growth.	Monitor decay for signs of a compromised root structure. Prune limbs over women's center for end weight reduction and crown raising. Tree work will stabilize over-extended limbs and provide fire safety. The basal decay will need continued monitoring.	2	0
240	Coast redwood	14.4					Remove tree.	1	1	Necrotic strip on lower face of main stem opposite the lean. significant hollow in main stem.	Remove stem.	1.5	East lean and asymmetric	No maintenance needed at this time.	4	0
248	Coast redwood	28.7					Remove deadwood	2	1	Deadwood in lower canopy.	Remove deadwood.	3	Strong sweep in trunk. Fair health.	No maintenance needed at this time.	4	0
254	Coast redwood	33.6				Could not locate broken branch	Remove broken branch	1	1	Large broken branch suspended high and canopy over yard of women's center.	Remove broken branch.	1.5	Fair health and structure. Asymmetric canopy.	No maintenance needed at this time.	4	0
259	Bay	15.5 & 13.0 & 18.1					Remove hanging branch	2	3	There is still a very large hanger high in the canopy that may or may not be the same as previously noted.	Remove hanging branch.	2	Good health and fair structure. The crotches are strong. There is a large 5" diameter hanger 25' up the tree.	Remove the hanging branch a.s.a.p.	1	The hanging branch is a significant concern but the tree otherwise looks good.
261	Oregon ash	30.3					Perform a general crown reduction unweighting major scaffold limbs, including removal of deadwood	1	1	There is a moderate amount of deadwood 1-5 inch diameter.	Perform a general crown reduction in weighting major scaffold limbs, including removal of deadwood.	1	Shared base with 262. Small cavity at NE base approximately 2' deep.	Remove scaffold limb with bird nest at top of canopy. Remove major deadwood and unweight major scaffold limbs.	2	0
262	Oregon ash	34.4					Perform a general crown reduction unweighting major scaffold limbs, including removal of deadwood	1	1	Marked hollow resonances produced during sounding of lower main stem.	Perform a general crown reduction in weighting major scaffold limbs, including removal of deadwood.	1	Shared base with 261. Wound on NNE side at 3'. Recent failure at 30' of a major scaffold branch.	Remove major deadwood and unweight major scaffold limbs	2	0
266	Bay	14.3 & 13.4					Same	2	2	Same.	Same	2	Large base shared with 268 with some decay. Both spars have failed and sprouted from the decaying wounds.	If there is a climber in 264 they should head back the sprouts.	2.5	The sprouts have poor attachments and should be monitored.
267	Bay	12.2					Reduce sprout growth arising from heading cut	3	1	Previously headed back at approximately 30' above grade. There is significant decay in the heading cut. Where modest sprout growth has arisen.	Reduce sprout growth arising from heading cut.	3	0	0	0	0

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268	Bay	14.8					Reduce sprout growth arising from the heading cut	3	0	Sprout from mother stump. Moderate decay at old stem removal near grade. Previously headed back at approximately 30' above grade. There is decay in the heading cut. Sprout growth from the heading cut is becoming somewhat overextended.	Reduce sprout growth arising from the heading cut.	3	0	0	0	0
270	Bay	21.1					Same	2	1	Same.	Same	2	Good health and fair structure. There is a large torquing branch over the bridge.	The vertical leader on the large north branch should be removed to reduce torque force on the attachment point and mitigate the risk of branch failure.	2	0
271	Bay	25.3					Same	2	2	Same.	Same	2	Significant amount of root crown decay. Cavities in both stems at 4'. Old failure in the north of the two stems.	Remove the north spar.	2	The attachment points of the sprout growth from the failure are weak.
274	Bay	16.14					Perform end weight reduction of heavily leaning spar	3	2	Leaning spar is becoming overextended.	Perform end weight reduction of heavily leaning spar.	3	Weak acute angle crotch at 3.5' and a lean to the east. Fair health and vigor.	No maintenance needed at this time.	4	0
275	Bay	27.5					Aerially inspect rubbing limbs and prune based on findings	2	1	Lim in upper canopy rubbing heavily on the lateral branch from Tree 278 which targets basketball court.	Aerially inspect rubbing limbs and prune based on findings.	2	Crotch at 4'. Fair health and vigor.	No maintenance needed at this time.	4	0
276	Bay	35.1					Same	1	1	No change.	Same.	1	Major limb rubbing branch from 278.	The climber should inspect the limb that is supporting 278 and remove if necessary.	1	It is possible this limb has been structurally compromised but it is difficult to tell from the ground.
277	Bay	19.7					Remove deadwood	2	1	Significant deadwood in spar over yard of women's center.	Remove deadwood.	2	Heavy lean to the south over yard and deck. Fair to good health.	No maintenance needed at this time.	4	0
278	Valley oak	52.7				Vines are growing out of the main crotch.	Same as 2017. Also, aerially inspect the main crotch for decay and the conflict point with T-276 in the East canopy.	1	1	New excavation at base. No roots appear to have been severed.	Same work order. Perform general crown reduction to mitigate risk of failure.	1	East extending scaffold limb has a cavity at the fulcrum where it is rubbing limb from 276 and extends an additional 35' beyond that point.	Remove the east spar with the cavity.	1	This is a large, heavy limb in serious danger of failure.
279	Bay	19.2 18.8 14.2	Good	Fair to Good	Fair	The largest stem leans southwest over the women's center.	Reduce end weight in the southwest stem with pruning cuts in the 3-inch diameter range.	2	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
282	Bay	13.1					Crown reduction to shorten branches over center and reduce end weight.	2	1	Same.	None.	0	West lean towards women's center. Good health and fair structure. Wound at 2' on NW base.	No maintenance needed at this time.	4	0
283	Bay	15.7				Same defect present.	General crown reduction to shorten branches and reduce end weight.	2	1	There's a structural defect at the common attachment of the two main spars.	General crown reduction.	2	West lean towards women's center. Good health and fair structure.	No maintenance needed at this time.	4	0
284	Valley oak	29.8				Large dead branch over path.	Remove branch	2	1	A 10" branch 44' up the most vertical spar was headed back and has died.	Remove the dead branch over the women's center.	1	Some discoloration at base but it seems solid. Two large main spars over the woman's center and towards Park Road. Good health and structure.	No maintenance needed at this time.	4	0

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287	Coast redwood	25.6				Many dead limbs.	Remove deadwood.	2	1	Same.	None.	0	Protrusion at base. Fair health and structure.	No maintenance needed at this time.	4	0
288	Coast redwood	23.7				Many dead limbs. Beside trash receptacle.	Remove deadwood.	2	1	Light deadwood in canopy. Whitewash and multiple owl pellets at base.	None.	0	Fair health and structure.	No maintenance needed at this time.	4	0
292	Coast redwood	20.4				Many dead limbs.	Remove deadwood.	2	1	Same.	None.	0	Fair health and structure.	No maintenance needed at this time.	4	0
293	Coast redwood	23.6				Deadwood in upper canopy.	Remove deadwood.	2	1	Same. Poorly reformed top.	None.	0	Malformed top. Asymmetrical canopy balanced towards Bolinas Ave. tight branch spacing at top. Several overextended branches towards the street.	Shorten or remove the overextended branches and thin out the branches with tight spacing.	2	0
294	Coast redwood	22.5				No tag. Deadwood in upper canopy.	Remove deadwood.	2	1	Poorly reformed, offset top.	None.	0	Fair health and structure.	No maintenance needed at this time.	4	0
295	Coast redwood	22.9				Many dead limbs.	Remove deadwood.	2	1	Same.	Remove deadwood.	2	Fair health and structure. Some deadwood in canopy.	Prune deadwood.	3	0
298	Coast redwood	19					Same	3	1	Same.	Same	3	Good health. Reformed top with subordinate stem.	Remove subordinate stem.	3	0
299	Coast redwood	31.3 & 10.2				No tag	Same	3	2	Same	Same	3	Good. This tree appears healthy and vigorous with good structure.	Remove misshapen subordinate stem and sprout growth.	3	0
301	Coast redwood	26.1					Aerially inspect top	2	1	Long vertical stem arising from old top in upper canopy.	Aerially inspect top.	2	Fair health and structure. Old reformed top with new single dominant leader.	Reduce end weight on overextended branches originating from reform. Prune sprout growth.	2	0
303	Coast redwood	20.3					Remove deadwood	2	1	Same.	Remove deadwood.	2	Fair health and structure. Deadwood in canopy	Prune deadwood.	3	0
304	Coast redwood	19.7				Many dead limbs.	Remove deadwood.	2	1	Same	None.	0	Fair health. Poorly reformed top. Base is within 1' of 305.	Prune overextended branches originating from reformed top.	2	0
308	Coast redwood	38.4				There are a number of dead limbs in the upper canopy.	Remove deadwood one inch in diameter or larger.	3	2	Same.	None.	0	Acute angle crotch at 5' above grade. North spar is subordinate. Remnants of an old stump at base. Broken top in main stem.	No maintenance needed at this time.	4	0
310	Coast redwood	23.7					Same	3	1	Same.	Same	3	Fair health and structure. Some deadwood in canopy.	Prune deadwood.	3	0
312	Coast redwood	19				Forked top.	Remove one of the two stems at the fork.	3	1	Same.	None.	0	Good health and structure.	No maintenance needed at this time.	4	0

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315	Coast redwood	36.4					Same	3	1	Same.	None.	0	Fair. Asymmetrical canopy balanced away from stand. Lower lateral limbs are intertwined with tree 316. The top has split into several co-dominant leaders. The main stem has several curves.	Arboricultural rehabilitation of reformed top. Prune low crossing limbs.	3	0
318	Coast redwood	28.7					If removal is not an option pruning to relieve end weight of heavy branches over use areas is advisable	2	1	Heavy branches over sidewalk and park bench.	If removal is not an option pruning to relieve end weight of heavy branches over use areas is advisable.	2	Poor. Asymmetrical canopy balanced away from stand. The top is deformed and many overreaching branches. The tree is being outcompeted by the surrounding trees.	Removal.	2	The remaining trees would respond well to reduced competition. This tree has several significant defects.
321	Coast redwood	42.6				Hanging dead branch at 45' in southwest canopy over grass area. It appears unlikely to fall soon.	Remove the dead hanging branch.	3	1	Same.	Same	2	Fair. Asymmetrical canopy balanced away from stand. There is deadwood in the crown. Large torqued limbs. Forks/bifurcates at approximately 15' above grade. Acute angle weak crotch at this location. Tree has a hollow cavity on the northwest side of the base. There are many large, crossing, over-weighted limbs in the canopies of both spars.	Prune crossing branches and reduce end weight of larger, sagging branches.	2	Due to the high value target, risk factors of this tree are elevated.
322	Coast redwood	17.7					Same	3	1	Same. Minor deadwood.	Same	3	Broken top with several overextended limbs.	Prune back limbs at broken top.	3	0
323	Coast redwood	18.4					Same	3	1	Same. Minor deadwood.	Same	3	Broken top with several overextended limbs.	Prune back limbs at broken top.	3	0
324	Coast redwood	15.9					Same	3	1	Same	Same	3	Shared base with 325. Broken top with several overextended limbs.	Prune back limbs at broken top.	3	0
325	Coast redwood	14					Same	3	1	Same	Same	3	Shared base with 324. Broken top with several overextended limbs.	Prune back limbs at broken top.	3	0
326	Coast redwood	12.9					None	3	1	Same.	None.	0	Small wound 2' up from grade on the west side of the tree. Broken top.	No maintenance needed at this time.	4	0
327	Coast redwood	31.6					Remove deadwood. Resistograph could provide more information as to the amount of decay in base	3	1	Base appears somewhat hollow when struck by mallet. Moderate deadwood in lower canopy.	Remove deadwood. Resistograph could provide more information as to the amount of decay in base.	3	Fair. Cable attached to tree at 14' above grade. No clear view of top but it looks ok. Slightly deformed base on south side.	No maintenance needed at this time.	4	0
329	Coast redwood	20.5				There is a moderate amount of deadwood in the canopy.	Remove deadwood 1-inch in diameter or larger. Aerially inspect malformed stem.	2	1	There is a significant deformation 50' up the main stem.	Remove top 3' below the deformity in the main stem.	1	Broken top. One of the tallest trees in the stand.	No maintenance needed at this time.	4	0

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331	Coast redwood	12.7					Remove the tree	1	1	Base sounds extremely hollow when struck with a mallet. Small hanger suspended in canopy. Resistograph suggests the stem is entirely decayed.	Remove the tree.	1	Suppressed. Malformed top at 35' with overextended branches.	No maintenance needed at this time.	4	0
332	Coast redwood	24					Remove the hanger	1	1	Broken top. Large hanger high in canopy.	Remove the hanger.	1	Fused at base to 333. Fair health and structure.	No maintenance needed at this time.	4	0
337	Coast redwood	31.4, 18.6				There is a hanging dead branch in the lower northwest canopy.	Remove the dead branch and any other deadwood in the lower canopy.	2	2	Fair health and structure. Subordinate stem's top broke some time ago.	None.	0	0	0	0	0
339	Coast redwood	25.8					Remove hanger	2	1	Fair health. Sparse interior tree. Hanger in canopy.	Remove hanger.	2	0	0	0	0
345	Coast redwood	15.2					Remove deadwood	3	1	Two dead branches in lower canopy. The canopy is relatively sparse.	Remove deadwood.	4	Two short double leaders.	No maintenance needed at this time.	4	0
347	Coast redwood	19.5				Deadwood in lower canopy.	Remove deadwood.	2	1	Same. Light deadwood.	None.	0	Fair health and structure.	No maintenance needed at this time.	4	0
350	Coast redwood	57.4				There is an overextended limb over the electric charging station.	Either remove the long scaffold limb or shorten it by 30%	2	1	Same.	None.	0	Good health. Recently removed top at a large diameter.	No maintenance needed at this time.	4	0
366	California bay	24.3, 14.4, 20.5, 8.0, 5.5, 7.0, 14.0					Whole tree removal	1	7	Attachment point of spars over Road returns hollow sound when struck with a mallet. Resistograph testing was performed in several areas below the common attachment of spars. Readings of less than four inches were obtained on the back side (opposite the lean) of the largest stems, and varying wall thickness down to 8" on the compression side.	Whole tree removal.	1	The 14" spar has been topped and the base is severely decayed. The decay extends under all the major spars. Most have been headed back in the past.	No maintenance needed at this time.	4	0
367	California bay	18.7, 22					Remove dead stub	2	2	Same	Same	2	Base is sound. Large dead stub on eastern spar at 35'.	Remove dead stub over road.	2	0
369	Coast live oak	9.9				Possible sod cankers	Prune for fire clearance	2	1	Multiple decay cavities along main stem. Leaning over street lamp. Relatively high likelihood of failure but low probability of impacting a target of value.	None.	0	Poor structure. Good health.	No maintenance needed at this time.	4	0

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370	Big-leaf maple	6.7, 7.2				Prune for fire clearance	None	2	2	Same.	None.	0	Recently limbed up. Suppressed with a lean.	No maintenance needed at this time.	4	0
376	California bay	15				Deadwood still present	Remove deadwood when working on adjacent tree	2	1	Same. Light deadwood.	Remove deadwood when working on adjacent tree.	2	Cavity at 12'. Leggy after that. Sheltered by neighboring trees.	No maintenance needed at this time.	4	0
382	California bay	15.9				One large dead branch is still present over road.	Remove dead branch	3	1	There is a small decay cavity in its base near the common attachment of stems. Very low live crown ratio and typical leggy structure. There are two dead limbs over the road in the lower canopy.	Remove deadwood over road.	3	Good.	No maintenance needed at this time.	4	0
383	California bay	22.6					Unweight said limb to reduce risk of failure and to favor the magnolia tree	3	1	Largest leaning limb is suppressing the magnolia in the park and is overextended.	Unweight said limb to reduce risk of failure and to favor the magnolia tree.	3	Severe lean to the east over driveway.	No maintenance needed at this time.	4	0
384	California bay	20.5					Relieve end-weight in lateral limb over road or remove the limb to favor the valley oak	3	1	Wildlife nest at approx. 40'. Lateral limb extending over road is becoming somewhat overextended and competing with valley oak.	Relieve end-weight in lateral limb over road or remove the limb to favor the valley oak.	3	Good. Slight lean.	No maintenance needed at this time.	4	0
388	California bay	19.4, 9.1				No work was done	Same	3	2	There is decay compromising at least two lateral limbs over the access road.	Remove branches above the decayed top.	3	Good. Some prior failures.	No maintenance needed at this time.	4	0
389	Valley oak	32.8					Size reduction using 3" reduction cuts over road. Remove deadwood.	2	1	Lateral limb at 40' extending over road toward the park is becoming somewhat overextended.	Reduce end weight of limb over road.	3	Good	No maintenance needed at this time.	4	0
390	California bay	18.6				Limb is still damaging valley oak.	Remove limb leaving a 6' stub.	2	1	Same.	Same.	2	One branch is rubbing and creating a wound on the neighboring valley oak. Otherwise ok.	Remove limb damaging valley oak.	2	0
393	California bay	18.0				Minor deadwood in canopy.	Remove minor deadwood	3	1	The canopy looks much better but there is still some residual minor deadwood from the drought.	Remove minor deadwood	3	Showing drought stress and dieback.	No maintenance needed at this time.	4	0
393	California bay	18.0				Recovering nicely from drought.	No work needed.	3	1	The canopy looks much better but there is still some residual minor deadwood from the drought.	Remove minor deadwood	3	Showing drought stress and dieback.	No maintenance needed at this time.	4	0
395	Coast live oak	17.0				Limb was still not removed. Inactive bee hive in cavity. Bees now living in building.	Remove two limbs in photos	1	1	Light sycamore bore activity in base. Recommended pruning had still not been done.	Same	1	Large decay cavity at 7'. Leaning over the front entrance.	Remove lower limb at first major bifurcation (approximately 12" diameter).	1	0
400	California bay	13.2				Whole tree removal and pruning were suggested in previous assessments. The tree targets a low use area so mitigation actions are a low priority.	Same or simply remove	3	1	Large deadwood in canopy. Extensive decay in base.	Same or simply remove.	2	Extensive decay in base.	Head back to reduce crown.	2	0
408	California bay	9.6					Same as 2014.	3	1	Same.	None.	0	Long decay column in main stem. It is getting tall for the amount of decay.	Reduce the canopy.	3	0

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Tree Number	Species	Diameter	Health	Structure	Form	2020 Comments	2020 Recommendations	2020 Priority	# of Stems	2017 Observations	2017 Recommendations	2017 Priority	2014 Old Condition	2014 Recommendations	2014 Priority	2014 Conclusions/Comments
411	California bay	13.5, 14, 13, 12, 10, 15.5, 17.3				No work was done	Same	1	7	Same	Same	1	Second growth from decayed mother stump. 5 stems bow toward the road. There is a fracture in the crotch containing 4 of the stems. Poor structural stability.	Head back the 5 stems targeting the parking/road.	1	0
413	California bay	12.5				Decay in main trunk at 15'.	Top back by 20'	2	1	Same. Heavy poison oak around base.	None.	0	Leggy and bowed toward parking. Decay cavity in base.	No maintenance needed at this time.	4	Will eventually need to be reduced to account for bow.
414	California bay	15.5, 11.6				No work was done	Same	1	2	Same	Same	1.5	Base looks sound. Decay cavities at 12' and 20'.	Crown reduce to mitigate risk.	1.5	The tree in its current state is highly prone to limb failure.
416	California bay	~45				Large sections of the canopy are dead and dying. Main leader is still healthy but the base is very decayed.	Top main leader back to top of lower canopy.	1	1	Same.	Head back or remove the dominant stem to reduce risk of failure.	1.5	Poor. Many prior failures and extensive decay column.	Remove the spar closest to the pavilion so a failure would only target the slope.	1.5	This tree could fail in any direction including towards the pavilion which would be struck by large diameter wood.
419	Coast live oak	25.0				No work was done.	Same	3	1	Lowest scaffold limb has excessive end weight.	Unweight said scaffold limb.	3	Severe asymmetry. Otherwise very healthy.	No maintenance needed at this time.	4	0
420	California bay	24.7				No work was done.	Same	1	1	Marked hollow resonance in main stem. Heavily weighted over parking lot.	Aggressively reduce canopy extending over parking lot. Removing the tree completely is a reasonable option.	1	Extensive decay column in main stem.	Inspect with resistograph.	1	0
421	Coast live oak	31.0				Some deadwood in canopy	Unweight canopy over parking lot	3	1	Excellent main stem taper. Strong bow in main stem.	Unweight canopy over parking lot.	3	Old wound at base and an asymmetric canopy. Good health.	No maintenance needed at this time.	4	0
424	Coast live oak	17.2				Heavy sapsucker activity.	Make 8" reduction cut at toad edge opposite tree base.	2	1	Heavy sycamore borer activity on main stem but tree displays good vigor.	Unweight canopy to relieve weight acting on main stem.	3	Heavy lean over driveway. Decay cavity at 6' with good callus growth. Some damage from passing vehicle traffic.	No maintenance needed at this time.	4	0
425	Coast live oak	15.2, 15.0				Slight improvement in vigor.	Same	3	2	Heavy woodpecker activity on both stems. Canopy is still sparse.	Same	0	Severely drought stressed. Poor health.	Monitor for further decline to possibly remove.	2	The prognosis of this tree is guarded.
426	Coast live oak	28.4				Bleeding gone. Old failure wound high in canopy appears to have a good amount of sound wood. Decay cavity at attachment of major branch over the road.	Overall size reduction using up to 6" reduction cuts to mitigate risk of branch failure onto the road. Remove deadwood.	2	1	Multiple areas of bleeding on back side of main stem, though not markedly similar to any particular pest-possibly sycamore borer.	Monitor bleeding. Treat for SOD once yearly.	2	Significant deadwood in canopy but otherwise good.	Prune deadwood.	3	0
428	Coast live oak	30.2				A large codominant branch was removed long ago over the building. The wound is closing nicely but the remaining branch has significant response wood and the situation warrants a closer look. If the remaining branch were to fail from the decay, it would do severe damage to the building.	Advanced inspection of cavity. Almost certainly aggressive size reduction using up to 6" cuts.	1	1	Same	None.	0	Good health and structure.	No maintenance needed at this time.	4	0

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Tree Number	Species	Diameter	Health	Structure	Form	2020 Comments	2020 Recommendations	2020 Priority	# of Stems	2017 Observations	2017 Recommendations	2017 Priority	2014 Old Condition	2014 Recommendations	2014 Priority	2014 Conclusions/Comments
429	Interior live oak	19.5				Large old wound on building side at 12'. Looks to have significant decay.	Advanced inspection of decay cavity	1	1	Small decay cavity at base.	None.	0	Good health and structure.	No maintenance needed at this time.	4	0
465	Coast live oak	23.9				Two 6-inch diameter dead limbs, one of which is directly over the parking area.	Remove deadwood 2-inches in diameter or larger and prune to unweight the live canopy by 25%.	1	1	The risk of whole tree failure is greatly elevated by the extensive decay in the tree base and roots.	At the very least pruning should be performed to relieve weight acting on roots and main stem. There is a good opportunity to perform general canopy reduction to reduce the horizontal extent of the canopy extending toward the pavilion.	1	Carpenter worm and beetle activity at base. Major cavity at base. Lean to northwest over parking area. Fair to poor structural condition.	Inspect with a resistograph.	1	The tree poses great risk to valuable targets.
466	Coast live oak	10.2, 20.2				Moderate lean over parking area and pavilion.	Perform targeted pruning to reduce the horizontal extent of the canopy over the parking spaces and towards the building with approximately 5-8 pruning cuts in the 2-3-inch diameter range.	1	2	Heavy sycamore borer activity.	None.	0	Good canopy. Outer bark is decayed but inner bark seems sound. Slight beetle activity. Lean to northwest.	No maintenance needed at this time.	4	0
511	Bay	30 8 6	Fair to Good	Fair	Fair	The largest stem leans over the creek. Three smaller stems lean over the playground. There is decay below their common point of attachment to the lower trunk.	Unweight the stems over the playground 30%.	3	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
513	Bay	12 8 6	Fair to Good	Fair	Fair	The tree is composed of stems arising from a first growth stump. There is decay in the center of the collection of stems.	Remove the stem leaning over the playground fence.	2	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
529	California bay	24.4				Improved vigor but deadwood still present.	Remove deadwood	2	1	Same	Same	2	Base looks good. Significant deadwood in canopy targeting creek and pathway.	Prune deadwood.	3	0
530	Coast redwood	39.5					Remove metal band	3	1	Same.	None.	0	Metal band at 20'. Opening as tree grows.	No maintenance needed at this time.	4	0
532	Coast redwood	22.4					Remove suspended branch	2	1	There is a large dead branch suspended in the lower canopy.	Remove suspended branch.	2	J-but. Asymmetric canopy and deformed top.	No maintenance needed at this time.	4	0
533	Coast redwood	31.6					Same	2	1	Same.	None.	0	Topped with many large poorly attached branches targeting the police parking area.	A climber should inspect the attachment points in the canopy and remove any poorly attached limbs with valuable targets. Repair root damage to parking lot.	2	0
535	Coast redwood	41					Shorten overextended limbs high in tree over parking back to 20'	2	1	Same.	None.	0	Topped with many large poorly attached branches targeting the police parking area.	A climber should inspect the attachment points in the canopy and remove any poorly attached limbs with valuable targets. Repair root damage to parking lot.	2	0
537	California bay	24				Heavily obscured by ivy.	Remove ivy and reassess.	2	1	0	0	0	Heavy vine growth up stem. Otherwise ok.	No maintenance needed at this time.	4	0

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541	Alder	20.7	Poor	Poor	Fair	This tree is nearly dead and targets the playground. There is some protection afforded by surrounding trees however the tree could impact the play area.	Whole tree removal.	1	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
546	Madrone	23.4					Whole tree removal. Could leave high stump.	1	1	The canopy has continued to dieback. This combined with a heavily decayed base significantly elevates the risk of failure over a relatively frequently used area.	Whole tree removal.	1	The base is severely decayed and the canopy is nearly totally dead.	Remove the west and east spars, leaving the center which has the most foliage of the three.	1.5	0
2588	Chinese windmill palm	5	Good	Good	Good		Remove grass within 2 feet of the trunk to prevent mower damage.	3	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
2590	London plane	35.6	Good	Fair	Poor to Fair	Strong canopy asymmetry west, over the road. Multiple leaders are becoming overextended.	Crown reduction concentrating on weight reduction in the western half of the canopy. Of particular concern is the southwest extending stem. Several pruning cuts in the 6-inch diameter range is warranted to reduce the load.	2	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
2596	Chinese pistache	17.5 15.2	Good	Poor to Fair	Poor to Fair	Old decaying wound from 10" spar removal in base. Pruned for line clearance. Several old failure wounds. Overextended branches.	Crown reduction.	2	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
401-406	Bay	#N/A				Extensive decay in base. The largest stem oriented over the road and power lines is in the process of failure.	Head back all stems to reduce their length by at least 20 feet.	1	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
467a	Bay	5 stems	Good	Poor	Poor to Fair	Multiple stems arising from old decayed stump. The stems are relatively small but have a weak attachment to the stump and could impact the parking area below.	Reduce the length off all stems by 5-10 feet with reduction cuts.	3	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
No tag	California Bay	28 18	Good	Poor to Fair	Poor	Strong lean in both stems. The larger stem possesses excessive end weight	Prune the larger stem with 2-3 end weight reduction cuts in the 6-inch diameter range.	2								