

Urban Forestry Associates, Inc.
Parcel Acreage: 5.64

Forestry Assessment Prescription and Appraisal Notes
Snag or Dead Tree Quota: 12 with 6 Snags > 16"

FGII OSMA
Field Work Done: 9/16/2010

Attachment G - FB2 RFP Solicited 11/9/2010 & Converted
Notes Updated for RFP: 12/3/10

Fuel Break/Lot/Street	Tree #	Species	DBH	Est. Height by Tree	Health Condition	Structural Condition	UFA Comments & Fire Risk	Recommendation(s)	\$ to Remove or Mitigate
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Part A of RFP

FB2; Located toward the top of the slope.	1	Douglas fir	8.2	25'	n/a	n/a.	Removal of this tree will preserve the oaks & fire hazard mitigation.	Removal.	
2; Moving down slope.	Pruning						Trees need to be trimmed up to 10 feet above grade.		
2; Located mid-slope.	2	Douglas fir	9.6	35'			This tree is overtopping bays & oaks. Remove tree for crown separation & hazard	Removal.	
2; Continuing along down near the road, there is a group of Manzanita & young coast live oaks.	Pruning						Road sides are common ignition zones. There could be pruning to break up the ground to crown continuity.	Trim up trees to 10 feet above grade, size permitting. Remove any dead or dying shrubs, or dead limbs, along the road.	
2; Located down to east of the cluster of Manzanita.	No #	Douglas fir	3.0	15'	n/a	n/a.	Reproduction.	Removal.	
2; Located mid-slope.	3	Douglas fir	14.2, 12.7, 23.6	50', 55', 60'	Dead	Poor	3 stems; clump of DF that have died. This is an example of the advance beetle kill in this	Removal.	
2	4	Douglas fir	21.5	70'	Dead		This tree died within the last month.		
2; Located approx. 12 feet across & up slope of T-4.	5	Douglas fir	18.7	70'	Dead	Poor	This tree had heavy beetle damage and is getting a lot of woodpecker damage now.	Create Habitat Snag at 30' +/-	
	No #	Coast live oak	4.0	15'	Rotten			Removal.	
2; Moving back up slope to a large rock outcropping.	6	Douglas fir	17.7	40'	Dead	Poor	This tree has extensive decay & is an IMMEDIATE HAZARD.	Create Habitat Snag at 30' +/-	

Note: There will be a lot of trimming and a few dead tree removals down below the large rock outcropping opposite the intersection of Rincon Ridge and Repton.

Note: Most of the coyote bush is not a problem because it is not a continuous fuel bed.

	No #	Coast live oak	3.0	10-15'	n/a	n/a.		Removal.	
2; Located near the top of the zone.	8	Pacific madrone	15.2	35'	Dead	Poor		Removal.	
2; Located below the rock outcropping.	9	Douglas fir	10.5	50'	n/a	n/a.	It is overtopping the oaks and bay laurels.	Removal	
2; Located adjacent to T-9.	Pruning	Oak						Trim up oak and deadwood.	
2; Located on the lower edge of the rock outcropping.	10	Douglas fir	9.9	45'	n/a	n/a	It is overtopping the oaks and bay laurels.	Removal.	
2; Located in the area of the rock outcropping and above the bay	11	Douglas fir	12.0	55'	n/a	n/a	It is overtopping the oaks and bay laurels.	Create Habitat Snag at 30' +/-	
2; Located in the area of the rock outcropping and above the bay clump.	12	Douglas fir	11.8	50'	n/a	n/a	This tree is highly surface rooted, allowing it to grow taller in addition to stealing the light. It's structural stability will be a future issue.	Removal.	
2; Located in a cluster of firs around the bays and oaks; below the rock outcropping.	13	Douglas fir	8.1	45'	n/a	n/a	Removal for fire safety and species diversity. It is also crowded by T-14, which is only 4 feet away.	Removal.	
2; Located 4 feet from T-13.	14	Douglas fir	8.7	45'	n/a	n/a	Removal for species diversity and habitat richness; as well as fire prevention.	Removal.	
2; Located immediately adjacent to a coast live oak & bay laurel that are below the rock outcropping.	15	Douglas fir	9.1	45'	n/a	n/a	This tree lost it's main leader and has a false leader extending from that point. It is structurally unsound, as well as stealing light from the bays & oaks.	Create Habitat Snag at 30' +/-	
2	16	Douglas fir	11.3	50'	n/a	n/a	It is overtopping the oaks and bay laurels.	Removal for species diversity and habitat richness; as well as fire prevention.	
2; Located on the lower southwest side of the bay & oak canopies.	17	Douglas fir	9.3	50'	n/a	n/a		Removal to preserve the Manzanita, oaks, bay laurels, etc.	

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2; Moving up slope towards the top of the fuel break; it is in a Manzanita-oak stand.	18	Douglas fir	7.2	30'			Removal to prevent torching and to preserve the other vegetation types.	Removal.	
2; in a Douglas fir clump	19	Douglas fir	7.3	35'	n/a	n/a	It is right over a Quercus lobata.	Remove tree to preserve the Valley oak and allow the oak to grow.	
2	20	Douglas fir	6.5	35'	n/a	n/a	Same issue as T-19.	Removal.	
2; Located at the top of the break; right below the road.	21	Douglas fir	7.2	30'	n/a	n/a	Same issue as T-19 & 20.	Removal.	
2; Located right below the hydrant, at the top of the break. It is in a clump of fir, 3 of which we are recommending for removal.	22	Douglas fir	6.0	20'	n/a	n/a		Removal.	
2	23	Douglas fir	8.4	25'	n/a	n/a	Tree is crowding T-19.	Removal.	
2	24	Douglas fir	5.8	25'	n/a	n/a	To preserve, as well as fire control, particularly below the hydrant and to preserve	Removal.	
2; Located 20 feet down slope from the clump of 3.	25	Douglas fir	5.5	20'	Poor	Poor	This tree is heavily bleeding sap with Sequoia pitch moth. The canopy is very thin and dying back. This tree is in decline and is now a	Removal.	
2; Located one tree down from the top of the break.	26	Douglas fir	9.0	45'	n/a	n/a	It is overtopping several oaks. We want to remove this tree for fire safety and to preserve the biodiversity.	Removal.	
2; Located up near the top of the break.	27	Douglas fir	5.7	35'	n/a	n/a	It is growing over a coast live oak and T-28 has shaded out of one spar that needs to be pruned off.	Removal.	
2	28	Douglas fir	5.4	30'	n/a	n/a	Remove to preserve diversity and fire	Removal.	
2; Located up slope of T-28.	29	Douglas fir	6.5	35'	n/a	n/a	Remove to preserve diversity and fire	Removal.	
2; Growing up through a bay laurel and oak.	30	Douglas fir	7.8	35'			Remove to preserve diversity and fire resistance.	Removal.	
2; Located below T-30.	No #	Douglas fir	2.0, 2.5, 3.5, etc.	10-15'	n/a	n/a	A total of five small fir reproduction to be removed. They are all marked with red paint	Removal x5.	
2	31	Douglas fir	9.3	40'	n/a	n/a	This tree is overtopping Manzanita, bay laurel	Create Habitat Snag at 30' +/-	
2	32	Douglas fir	7.6, 8.0	45', 45'	n/a	n/a	Twin trunks; acute angle crotch at the base with a seam. It will become structurally unstable and should be removed for safety; as well as it is a fire hazard growing through a	Removal.	
2; Moving down slope from T-32.	33	Douglas fir	6.6	40'	n/a	n/a	Removal will thin out the Douglas fir and keep it from damaging the bay laurel down slope.	Removal.	
2; Moving clockwise around the bay laurel that is growing the canopy of the nurse tree.	34	Douglas fir	6.7	40'				Removal.	
2; Moving clockwise to the west.	35	Douglas fir	8.4	45'	Poor.	n/a	This tree has a large trunk canker. Remove tree for stand health and fire protection.	Removal.	
2; Located in the middle of a Manzanita stand; moving back to the west from T-35.	36	Douglas fir	6.8	40'	n/a	n/a		Removal.	
2; Now moving counter-clockwise around the bay laurel.	37	Douglas fir	8.2	50'	n/a	n/a	It is impinging on the bay laurel and it is in a dense continuous canopy of Douglas fir. We need to break up the canopy continuity.	Create Habitat Snag at 30' +/-	
2; Moving down slope from T-37.	38	Douglas fir	8.0	50'	n/a	n/a	It is impinging on the bay laurel and it is in a dense continuous canopy of Douglas fir. We need to break up the canopy continuity.	Removal.	
2; It is growing through the bay laurel canopy.	39	Douglas fir	8.3	55'	n/a	n/a	It is impinging on the bay laurel and it is in a dense continuous canopy of Douglas fir. We need to break up the canopy continuity.	Removal.	

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2; Located 5 feet up slope of the base of the bay laurel.	40	Douglas fir	6.6	50'	n/a	n/a	Remove to preserve the bay laurel & fire hazard mitigation	Removal.	
2; Located between two other Douglas firs that have been preserved.	41	Douglas fir	8.5	40'	n/a	n/a	Tree has an abnormal butt. It is impinging on the bay laurel and it is in a dense continuous canopy of Douglas fir. We need to break up the canopy continuity.	Removal.	
2; Moving down an old road toward the paved road. There is a Douglas fir growing up against a	42	Douglas fir	7.5	45'	n/a	Poor	This tree has a false leader on the south face of it. This tree can be preserved - although there is bark bleeding.	Monitor tree.	
We move to the south side of the multi-leader bay with the circle of Douglas fir daughter trees.									
2; Located on the southeast side of the bay laurel and over a valley	43	Douglas fir	7.0	45'	n/a	n/a	Remove for species diversity and fire safety.	Removal.	
2; Moving up slope from T-43.	44	Douglas fir	8.5	45'			It is growing up through the canopy of bay laurels. It has ground to crown continuity with other firs. It is overtopping a young vigorous	Removal for fire prevention and to preserve species diversity.	
2	45	Douglas fir	7.0	45'	n/a	n/a	Growing through the canopy of a coast live	Removal to preserve species diversity.	
2; Moving up slope	46	Douglas fir	9.9	50'	n/a	n/a	Growing through the canopy of a coast live oak. It is providing ground to crown continuity of volatile fuel.	Removal.	
2; Located within the canopy of a bay laurel; It is just below the shrub zone and a large boulder.	47	Douglas fir	9.1	40'	n/a	n/a		Create Habitat Snag at 30' +/-	
Moving down below the dirt road. There is a thicket of Douglas fir around bay trees and more mature Douglas fir & oak trees.									
We want to thin out the stand of Douglas fir to break up the ground to crown continuity. (Note: photography taken for example).									
2; Located between two other Douglas firs.	48	Douglas fir	10.1	55'	n/a	n/a	Remove it to separate the ground to crown continuity.	Removal.	
2; Located just up slope from a bay laurel	49	Douglas fir	9.8	55'	n/a	n/a	Remove it to separate the ground to crown continuity.	Removal.	
2; Moving clockwise around the lower of the two bay laurels.	50	Douglas fir	7.6	40'	n/a	n/a	Remove it to separate the ground to crown continuity.	Removal.	
2; Located down slope of the lower bay laurel.	51	Douglas fir	9.5	35'	n/a	n/a	Remove it to separate the ground to crown continuity.	Removal.	
2; Located down and close to the lower road.	52	Douglas fir	8.5	40'	n/a	n/a	There are brushy species all around it and under the canopy.	Removal.	
2	53	Douglas fir	10.8	50'	n/a	n/a	Remove to separate the ground to crown continuity. It is growing up through the canopy of an oak.	Removal.	
2; Moving back up slope & to the northwest.	54	Douglas fir	10.7	45'	n/a	n/a	It is around the base of a bay laurel and provides ground to crown continuity with other trees and on this slope, which is a significant	Removal.	
2	55	Douglas fir	7.5	50'	n/a	n/a	It is in the canopy of the bay laurel and provides ground to crown continuity.	Removal.	
2; Located 6 feet from the base of the bay laurel and it is growing up through the canopy of the bay.	56	Douglas fir	7.8	40'	n/a	n/a	Growing up through the canopy of the bay laurel.	Removal.	
2; Located 8 feet from the base of the bay laurel.	57	Douglas fir	6.4	30'	n/a	n/a	Growing up through the canopy of the bay laurel.	Removal.	
2; Located 10 feet from the base of the bay laurel.	58	Douglas fir	7.5	40'	n/a	n/a	Growing up through the canopy of the bay laurel.	Removal.	

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2; Located 12 feet above the base of the bay laurel.	59	Douglas fir	9.3	55'	n/a	n/a	Growing up through the canopy of the bay laurel.	Removal.	
Moving clockwise around the bay laurel tree.	60	Douglas fir	11.4	45'	n/a	n/a	Growing up through the canopy of the bay laurel and is providing ground to crown fuel continuity with other firs.	Removal.	
2; Located at the base of a rock outcropping.	61	Douglas fir	11.7	55'	n/a	n/a	This tree is crowding out an oak and other species.	Create Habitat Snag at 30' +/-	
2; This is the second tree up the road, below the fuel break.	62	Douglas fir	12.2	50'	n/a	n/a	It is growing up through the canopy of an oak. Remove tree to preserve the oak.	Removal.	
2	63	Douglas fir	10.7	45'	n/a	n/a	The top of the tree broke out in the past and the branches turned into false leaders. It is interfering with the canopy of the bay laurel. This tree will become a hazard tree if it is not	Removal.	
2; Located below the dirt road before the road runs into the private property fence.	64	Douglas fir	15.1	50'	n/a	n/a	it is growing up through the canopy of the bay laurel.	Create Habitat Snag at 30' +/-	
2: Located close to the southwest corner of the private property &	65	Douglas fir	9.2	45'	n/a	n/a	It is growing up through the canopy of a bay laurel.	Removal.	
2; Located down slope of a multi-stem bay, which is 15 feet southwest of a corner marker for a	66	Douglas fir	5.8	20'	n/a	n/a	It is growing up through the canopy of a bay laurel. Remove to break up ground to crown continuity.	Removal.	
2; Located approx. 12 feet down slope of T-56	67	Douglas fir	11.8	30'	n/a	n/a	It is growing up through the canopy of a bay laurel. Remove to break up ground to crown	Removal.	
2	68	Douglas fir	12.2	60'	n/a	n/a	It is growing up through the canopy of an oak and a more mature Douglas fir.	Removal.	
2; Located approximately 3 feet from T-68.	69	Douglas fir	13.0	60'	n/a	n/a	It is growing directly below a more mature fir and through the canopy of an oak.	Removal. We need to break the ground to crown continuity.	
Limb up & Remove Deadwood	69A	Douglas fir	41.1	60'	Poor	Poor	Tree is sparsely foliated and has lost a limb recently.	Remove any deadwood that is reachable with pole saw and trim up the bay laurels up slope of this tree; thin out every other oak stem, and thin out brush oaks. Remove Limbs and Deadwood to 40' +/-	
2; Bay clump reproduction above the 40" fir; above a property line stake, so no treatment will be		California bay laurel					No treatment.	No treatment.	
2	70	Douglas fir	13.7	50'	n/a	n/a	This tree has ground to crown continuity with the firs up slope and the brush stand up slope. There is a high probably of crown fire should fire get under here.	Removal.	
2; Located below a Douglas fir thicket that is maintained by the up slope property owner.	71	Douglas fir	5.2	20'	n/a	n/a	It is under the canopy of an old Douglas fir and forms a fuel ladder.	Removal. The canopy of the old Douglas fir should be limbed up so that no foliage comes within 10 feet of the highest point on the slope under the canopy.	
2; Moving down to the road. It is between a madrone and another juvenile fir.	72	Douglas fir	8.0	40'	n/a	n/a	Forms ground to crown fuel continuity.	Removal.	
2; Located above the intersection, along the lower road.	73	Douglas fir		50'	n/a	n/a	This tree is crowding a bay laurel and overtopping young oaks.	Removal.	
2	74	Douglas fir	10.2	45'	n/a	n/a	Located in the canopy of an oak and between an oak and a bay laurel.	Remove to break ground to crown continuity.	
2; Located up slope of oaks & bay laurels; down slope of brush area.	75	Douglas fir	8.5	30'	n/a	n/a		Removal.	
2; Located across slope approx. 20 feet from T-75.	76	Douglas fir	7.0	20'	n/a	n/a	Remove to break up the fuel mass and the fuel vertical ladder.	Removal.	

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2	77	Oak	8.3	15'	Dead	Poor		Removal.	
2; Moving up slope towards the cul-de-sac, there is row of firs leading up slope.	Pruning				Poor	Poor	There is bleeding, stem cankers, etc.	Thin out the firs and monitor for changes in health & vigor.	
2	78	Douglas fir	17.6	60'	Poor	Poor	Remove to break up the ground to crown continuity. This is a beetle brood tree.	Create Habitat Snag at 30' +/-	
2	79	Douglas fir	17.9	60'	n/a	n/a	Remove to break up ground to crown continuity with other D. firs as moving up	Create Habitat Snag at 30' +/-	
2; Located below a mature tree; it is 1/3 of the way down the slope.	80	Douglas fir	8.2	30'	n/a	n/a		Removal.	
2; Moving along the slope, we are moving over to a dead fir.	81	Douglas fir	26.0	55'	Dead	Poor	This was a beetle kill. It has root rot (velvet fungus observed). There are mature firs nearby that could also contact velvet fungus.	Create Habitat Snag at 30' +/-	
3731 Fox Hill, Near Fence near bottom corner of lot	81A	Douglas fir	< 6"	30'	n/a	n/a	Tree is close to residence. It will grow into crown of trees nearby	Removal.	
2; Moving down slope to just above the road.	82	Douglas fir	26.8	80'	Fair	Poor; Hazardous Tree. Needs immediate removal.	This fir has a triple top and is structurally hazardous. It has acute angle crotches, false leaders, poor attachment, bleeding; decay likely at the point of attachment	Too Close to Road to Create Habitat Snag at 30' +/-	
2; Located down closer to the road.	83	Douglas fir	14.6	60'	Poor	Poor	This tree is overtopping oaks. It is flagging high in the canopy indicating ips beetle problem. This is a brood tree.	Removal.	
2; Located just below the road.	84	Douglas fir	10.5	45'	n/a	n/a		Removal.	
2; Located above the brush area mentioned above.	84A	Douglas fir	7.5	30'				Monitor	
2; Located approx. 30-40 feet across slope and is just below the road by approx. 40 feet.	85	Douglas fir	9.2	30'	n/a	n/a		Removal.	
2; Moving over to the area of the property line to the private property.									
2; Located at the base of the slope, down by the bottom of the	86	Pacific madrone	<6"	30'	Dead	Poor	In this area, there is significant brush that needs treatment.	Removal.	
Moving back up slope, below the house, and along the construction road to the house site, there are a number of small dead oaks.	No #	Oaks		15-20'	Dead	Poor	The trees are marked with red paint for removal.	Removal.	
2; Located immediately adjacent to you a young madrone.	87	Douglas fir	9.0	40'	n/a	n/a		Removal.	
2; Located in the same group as 87 and 87A.	88	Douglas fir	9.4	45'	n/a	n/a	This tree is in the same group as 87 & 87A and forming crown to crown continuity.	Removal.	
2; This is the last fir before reaching the intersection of Rocky Knoll	89	Douglas fir	8.8	30'	n/a	n/a	This tree is growing up through the canopy of another fir, which it has ground to crown continuity; and is shading out a coast live oak. It is also growing through the canopy of	Removal.	
3731 Fox Hill, Near Fence at top corner of lot	89A	Douglas fir	< 6"	30'	n/a	n/a	Tree is close to residence. It will grow into crown of trees nearby	Removal.	

Removal of Protruding Dead Stems

Total for Part A of RFP

\$0.00

Part B of RFP - Future Work

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Part B1 - Trees that Need Permits or Remove when Dead

2	7	Douglas fir	26.0	80'	Poor	Poor	Extremely sparse foliage; highly stressed; bleeding cankers - this is a brood tree.	Remove.	
			24.0	80'			Note: The fir just below T-7 also has many bleeding cankers and is in decline. Monitor tree or remove.	Monitor or Remove	

Total Part B1 - Trees that Need Permits or Remove when Dead

\$0.00

Part B2 - Brush Work Under Supervision of OSMA After Trees in Part A are Removed and Pruned

Total for Part B of RFP

\$0.00

Total for Both Part A and Part B of RFP

\$0.00

l to a Contract 12/3/2010

Permit Notes	Create Snag	Snag > 16"
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