Fountaingrove II Open Space Maintenance Association

Year 2012 UFA Report **Summary of Tree Prescriptions** Prepared 1/28/2013

Location Summary	6"- 9"	9.1" - 11.9"	12" - 24"	Total Live	DF	Madrone	Oak	Total	DF	Madrone	Bay	Oak	Total	Total All	Logs Embedded	Snags Created	Snags > 16"
	****** Live Douglas Fir *******				********* Dead Trees **********				******* Diseased Trees ********						***** Habitat Created *******		
FB5	26	11	3	40	0	2		2	1	0		1	2	44	0	3	0
FB13	17	3	3	23	11	4		15	2	0	8		10	48	11	5	2
Rincon Ridge Landscape	4		1	5				0					0	5			
Safety Trees										1	1	1	3	3	2		
Totals	**47**	**14**	**7**	**68**	**11**	**6**	**0**	**17**	**3**	**1**	**9**	**2**	**15**	**100**	**13**	**8**	**2**

Diseased or Safety Summary																
Species									DF	Madrone	Bay	Oak	Total			
6"- 9"									2	0	5	0	7			
9.1" - 11.9"									0	0	3	0	3			
12" - 24" and including on Madrone for Safety Removal									1	1		1	3			
> 24" for Safety											1	1	2			
Total									**3**	**1**	**9**	**2**	**0** **15**			

Dead Tree Summary																
Species					DF	Madrone	Oak	Total								
6"- 9"					2	4	0	6								
9.1" - 11.9"					0	1	0	1								
12" - 24"					8	1		9								
> 24"					1	0	0	1								
Total					**11**	**6**	**0**	**17**								

Embedded or Snag Species																	
Douglas Fir															11	8	2
Madrone															1		
Oak															1		
Total															**13**	**8**	**2**

Exhibit 1 to UFA Year 2012 Prescriptions for Hazard and Mitigation to OSMA per Report Dated 01.28.2013

Urban Forestry Associates, Inc.	Forestry Assessment Appraisal Notes	FB5						11/26/2011		
Fountaingrove II Open Space Maintenance Association								Updated	1/22/2012	
UFA Tree #	OSMA GPS Reference	OSMA GPS Track #	UFA Species	UFA DBH in Inches	UFA Health Condition	UFA Structural Condition	Supplemental UFA Comments to Notes 1, 6 & 7 on Fire Risk and Safety	UFA Recommendation	Estimated Height by Tree Vendor	Count Total
1	N38 29.553 W122 41.515	55	Douglas fir	11.0	n/a	Poor	Triple Leader & Overtopping an Oak as well as Toyon - Save TOYON	Remove	50	1
2	N38 29.549 W122 41.523	56	Douglas fir	11.5	n/a	Poor	Heavily Injured Tree, probably from Construction of Development.	Remove	50	1
3	N38 29.549 W122 41.523	56	Douglas fir	8.8	n/a	n/a	Too Close to Tree #2, and will not develop well due to root constriction.	Remove	50	1
5	N38 29.549 W122 41.523	58	Douglas fir	8.1	n/a	n/a	Remove 4 small Douglas firs nearby; Marked with a red dot.	Remove	40	1
6	N38 29.549 W122 41.523	59	Douglas fir	9.0	n/a	n/a	Reproduction; Several firs to Remove with Mechanical Damage	Remove	40	1
7	N38 29.549 W122 41.523	59	Douglas fir	8.4	n/a	n/a	Reproduction; Several firs to Remove with Mechanical Damage & GPS Issue with Track 60 as N38 29.544 W122 41.607 (Distance Target)	Remove	40	1
8	N38 29.550 W122 41.530	61	Douglas fir	8.8	n/a	n/a	Reproduction; Several firs to Remove with Mechanical Damage	Remove	50	1
9	N38 29.551 W122 41.533	62	Douglas fir	6.8	n/a	n/a	Several Small Firs Nearby to Remove	Remove	45	1
10	N38 29.551 W122 41.532	63	Douglas fir	9.0	Diseased	Poor	Fungal Conk into an old wound	Remove	55	1
11	N38 29.550 W122 41.533	64	Douglas fir	8.2	Poor	Poor	Heavy Mechanical Damage - Construction; Leader Issue	Remove	40	1
12	N38 29.550 W122 41.533	65	Douglas fir	14.3	Poor	Poor	Heavy Mechanical Damage - Construction	Remove	50	1
13	N38 29.553 W122 41.537	66	Douglas fir	10.6	n/a	n/a	Create Habitat; Broken Top; False Leader; Blocking Light to a Valley Oak & Black Oak	HABITAT	50	1
14	N38 29.553 W122 41.537	66	Douglas fir	12.0	n/a	n/a	Broken/Deformed Top; Falser Leader; No Number - YELLOW JACKETS; 20' Below Clean Out	Remove	45	1
No #	N38 29.540 W122 41.566	68	Madrone	8.0	Stump Dead	Poor	Remove and let new sprouts to regrow to replace dead stem.	Remove	25	1
16	N38 29.517 W122 41.511	109	Douglas fir	6.5	n/a	n/a	One of Several Smaller Fir Regrowth Removed due to their density	Remove	35	1
17	N38 29.518 W122 41.504	110	Douglas fir	8.0	n/a	n/a	One of Several Smaller Fir Regrowth Removed due to their density	Remove	60	1
20	N38 29.520 W122 41.500	115	Douglas fir	7.0	Dead	Poor	One of Several Smaller Fir Regrowth Removed due to their density	Remove	55	1
21	N38 29.523 W122 41.499	116	Douglas fir	6.8	n/a	n/a	One of Several Smaller Fir Regrowth Removed due to their density	Remove	30	1
22	N38 29.522 W122 41.501	117	Douglas fir	11.5	n/a	n/a	Create Habitat; Crowding a Black Oak and other Douglas fir trees nearby	HABITAT	60	1
23	N38 29.515 W122 41.544	118	Douglas fir	10.9	n/a	n/a	Note 8 & Overtopping Madrone	Remove	55	1
24	N38 29.514 W122 41.544	119	Douglas fir	10.2	n/a	n/a	Note 8 & Overtopping Madrone	Remove	50	1
25	N38 29.514 W122 41.545	120	Douglas fir	8.3	n/a	n/a	One of Several Smaller Fir Regrowth Removed due to their density	Remove	55	1
26	N38 29.515 W122 41.546	122	Douglas fir	7.0	n/a	n/a	One of Several Smaller Fir Regrowth Removed due to their density	Remove	55	1
27	N38 29.514 W122 41.543	123	Douglas fir	7.1	n/a	n/a	One of Several Smaller Fir Regrowth Removed due to their density	Remove	60	1
28	N38 29.514 W122 41.543	124	Douglas fir	10.9	n/a	n/a	Leaving a Larger Douglas fir nearby	Remove	70	1
29	N38 29.517 W122 41.539	125	Douglas fir	7.7	n/a	n/a	One of Several Smaller Fir Regrowth Removed due to their density	Remove	45	1
30	N38 29.518 W122 41.542	126	Douglas fir	10.3	Poor	Poor	Trunk is Defective; Perhaps from a Leaning Dead Madrone nearby	Remove	65	1
31	N38 29.519 W122 41.542	127	Madrone	7.2	Dead	Poor	Remove Middle Dead Spar of 2 Stem Madrone	Remove	30	1
32	N38 29.523 W122 41.537	128	Douglas fir	9.9	n/a	n/a		Remove	55	1
33	N38 29.526 W122 41.534	130	Douglas fir	9.0	n/a	n/a	Note 8 & One of Several Smaller Fir Regrowth Removed due to density	Remove	55	1
34	N38 29.533 W122 41.534	133	Douglas fir	7.6	n/a	n/a	Note 8 & Tree in Decline	Remove	30	1
36	N38 29.533 W122 41.533	135	Douglas fir	13.0	n/a	n/a	Habitat Tree at 50'	HABITAT	65	1
37	N38 29.536 W122 41.532	136	Douglas fir	7.1	n/a	Poor	Rubbing Wound on trunk & Has False Leader with a jog	Remove	40	1
40	N38 29.535 W122 41.527	139	Douglas fir	8.7	n/a	Poor	False Leader and decay present; Leader Died	Remove	50	1
44	N38 29.536 W122 41.524	143	Douglas fir	8.5	n/a	Poor	Note 8; YELLOW JACKETS & Tree has a False Leader	Remove	45	1
46	N38 29.537 W122 41.522	145	Douglas fir	9.8	n/a	n/a	Note 8 & One of Several Smaller Fir Regrowth Removed due to density	Remove	60	1
47	N38 29.536 W122 41.519	146	Douglas fir	7.0	n/a	n/a	One of Several Smaller Fir Regrowth Removed due to their density	Remove	50	1
48	N38 29.536 W122 41.521	147	Douglas fir	7.5	n/a	n/a	One of Several Smaller Fir Regrowth Removed due to their density	Remove	45	1

UFA Tree #	OSMA GPS Reference	OSMA GPS Track #	UFA Species	UFA DBH in Inches	UFA Health Condition	UFA Structural Condition	Supplemental UFA Comments to Notes 1, 6 & 7 on Fire Risk and Safety	UFA Recommendation	Estimated Height by Tree Vendor	Count Total
50	N38 29.536 W122 41.521	149	Douglas fir	6.2	n/a	n/a	One of Several Smaller Fir Regrowth Removed due to their density	Remove	55	1
52	N38 29.535 W122 41.520	151	Douglas fir	10.2	n/a	n/a	One of Several Smaller Fir Regrowth Removed due to their density	Remove	70	1
53	N38 29.535 W122 41.519	152	Douglas fir	6.5	n/a	n/a	One of Several Smaller Fir Regrowth Removed due to their density	Remove	45	1
59	N38 29.533 W122 41.516	158	Douglas fir	6.8	n/a	n/a	Leader Died &One of Several Fir Regrowth Removed due to their density.	Remove	50	1
60	N38 29.532 W122 41.512	159	Douglas fir	6.4	n/a	n/a	One of Several Smaller Fir Regrowth Removed due to their density	Remove	45	1
61	N38 29.535 W122 41.507	160	Blue Oak	14.0	Poor	Poor	Note 8; Tree is Nearly Dead, Full of Decay; Targets Ditch and Fire Road	Remove	30	1
Totals										44

Summary by Tree

Douglas Fir										41
Oak										1
Bay										
Madrone										2
Total										44

Urban Forestry Associates, Inc.	Forestry Assessment Appraisal Notes	FB13	2/6/2012
Fountaingrove II Open Space Maintenance Association		Updated	9/20/2012

UFA Tree #	OSMA GPS Reference	OSMA GPS Track #	UFA Species	UFA DBH in Inches	UFA Health Condition	UFA Structural Condition	Supplemental UFA Comments to Notes 1, 6 & 7 on Fire Risk and Safety	UFA Recommendation	Estimated Height by Tree Vendor	Count Total
3	N38 28.925 W122 41.863	162	Douglas fir	20.0	Dead	Poor	Leave As Is	Habitat	80	1
6	N38 28.931 W122 41.855	169	Douglas fir	7.6	n/a	Fair		Remove	60	1
9	N38 28.925 W122 41.864	163	Douglas fir	7.0	Dead	Poor	Leave As Is	Habitat	12	1
9A	N38 28.930 W122 41.857	170	Douglas fir	28.0	Dead	Poor		Embed	100	1
10	N38 28.932 W122 41.858	171	Douglas fir	9.0	n/a	Poor		Embed	80	1
11	N38 28.932 W122 41.861	173	Douglas fir	14.3	Diseased	Poor	Tree has Pitch Canker flowing from it	Remove	90	1
12	N38 28.932 W122 41.861	174	Douglas fir	8.7	n/a	Poor		Remove	70	1
12A	N38 28.932 W122 41.862	175	Douglas fir	6.2	n/a	Fair		Remove	45	1
13	N38 28.932 W122 41.862	176	Douglas fir	6.7	n/a	Poor	Leans	Remove	20	1
17			Douglas fir	7.5	n/a	Poor	Leans	Remove	35	1
20	N38 28.938 W122 41.860	178	Douglas fir	16.6	n/a	Fair		Embed	70	1
22	N38 28.944 W122 41.850	179	Douglas fir	8.0	n/a	Poor		Embed	90	1
23	N38 28.949 W122 41.854	180	Douglas fir	7.7	Dead	Poor		Remove	80	1
43	N38 28.985 W122 41.838	186	Douglas fir	8.8	n/a			Remove	80	1
44	N38 28.970 W122 41.821	189	Bay	6.8	n/a	Poor	Remove tree for SOD control	Remove for SOD	50	1
45	N38 28.938 W122 41.806	207	Douglas fir	8.5	n/a			Remove	80	1
46	N38 28.950 W122 41.856	182	Bay	7.1	n/a	Poor	Remove for SOD Control	Remove for SOD	25	1
61	N38 28.924 W122 41.863	164	Douglas fir	17.4	Dead	Poor	Top at 40' - 50'	Habitat	110	1
62	N38 28.922 W122 41.860	165	Douglas fir	11.5	Dead	Poor	Remove, No limbs for a good Habitat Tree	Remove	80	1
63	N38 28.922 W122 41.859	167	Douglas fir	7.0	n/a	Poor	Leans Over Fence	Remove	65	1
64	N38 28.922 W122 41.857	168	Douglas fir	6.8	Diseased	Poor		Remove	70	1
65	N38 28.932 W122 41.861	172	Douglas fir	11.5	n/a	Fair		Remove	80	1
66	N38 28.937 W122 41.861	177	Douglas fir	9.9	n/a	Fair		Remove	75	1
67	N38 28.949 W122 41.854	181	Douglas fir	6.8	n/a	Poor		Remove	80	1
68	N38 28.971 W122 41.852	183	Douglas fir	8.7	n/a	Poor	Leans	Remove	50	1
69	N38 28.973 W122 41.848	184	Douglas fir	14.9	Dead	Poor	Rotten	Embed	70	1
70	N38 28.971 W122 41.847	185	Douglas fir	7.3	n/a	Poor	Leans	Remove	60	1
71	N38 28.972 W122 41.827	187	Madrone	7.2	Dead			Remove	60	1
72	N38 28.967 W122 41.827	188	Bay	7.6	Poor	Bad	Tree has uprooted and is over fire road	Remove for SOD	20	1
73	N38 28.962 W122 41.824	190	Bay	9.4	n/a	Poor	Remove tree for SOD control	Remove for SOD	70	1
74	N38 28.950 W122 41.838	191	Bay	9.2	Live	Poor	Remove tree for SOD control	Remove for SOD	70	1
75	N38 28.949 W122 41.838	192	Bay	8.9	Live	Fair	Remove tree for SOD control	Remove for SOD	70	1
76	N38 28.948 W122 41.838	193	Douglas fir	15.5	Poor	Bad	Tree is a widowmaker	Embed	100	1
77	N38 28.947 W122 41.843	194	Douglas fir	13.0	Dead	Bad	Tree is a widowmaker & Rotten	Embed	100	1
78	N38 28.924 W122 41.793	204	Bay	9.2	n/a		Cleanse tools after cutting this Bay - In SOD Area	Remove for SOD	30	1
78	N38 28.949 W122 41.842	195	Madrone	12.0	Dead	Bad	Embed Part and Chip Part	Part Embed and Remove	60	1
79	N38 28.946 W122 41.833	196	Douglas fir	14.2	Dead	Bad	Embed Part and Chip Part	Embed	70	1
80	N38 28.946 W122 41.834	197	Douglas fir	8.7	n/a	Poor	Leans	Remove	90	1
81	N38 28.945 W122 41.834	198	Douglas fir	7.0	n/a	Fair		Remove	70	1
82	N38 28.939 W122 41.832	199	Douglas fir	13.3	Dead	Poor		Remove	70	1
83	N38 28.922 W122 41.830	200	Douglas fir	23.4	Dead	Bad	Close to Property Line, Leans Heavily towards Moss Hollow Residence, & Rotten. Difficult to cut down.	Embed	100	1

UFA Tree #	OSMA GPS Reference	OSMA GPS Track #	UFA Species	UFA DBH in Inches	UFA Health Condition	UFA Structural Condition	Supplemental UFA Comments to Notes 1, 6 & 7 on Fire Risk and Safety	UFA Recommendation	Estimated Height by Tree Vendor	Count Total
84	N38 28.926 W122 41.793	206	Douglas fir	9.0	n/a	n/a		Remove	80	1
85	N38 28.945 W122 41.808	208	Douglas fir	11.2	n/a		Remove 1 of 3 Stems	Embed	100	1
86	N38 28.935 W122 41.826	209	Bay	8.6	n/a	Poor	Procumbent and too many Bays with SOD in area	Remove for SOD	20	1
87	N38 28.987 W122 41.822	210	Madrone	7.6	Dead		Remove 1 of 2 stems	Remove	30	1
88	N38 28.969 W122 41.856	212	Douglas fir	19.5	Poor	Poor	Tree is diseased with Pitch Canker. It is on steep slope on uphill side of road.	Embed	100	1
89	N38 28.923 W122 41.874	214	Madrone	10.2	Dead		Located at bottom of Firebreak in Horizon View Peninsula	Remove	20	1
	Fallen Trees									
5	N38 28.922 W122 41.859	166	Douglas fir	9.0	Dead	On Ground	Tree Fell Recently by Up Rooting - Leave on Ground	Habitat	60	1
Totals										48
Summary by Tree										
Douglas Fir										36
Oak										0
Bay										8
Madrone										4
Total										48
37	N38 28.987 W122 41.820	211	Madrone	19.8	Live	Bad	Roots are under fire road and tree is leaning heavily down slope. If tree falls, its root ball will destroy the edge of the fire road, which has been compromised above and below this point by trees falling with similar conditions	UFA PREPARED REPORT FOR SAFETY REMOVAL & FIRE DEPARMENT Approved	60	1
SOD Trees to Leave As Is										
75X	N38 28.921 W122 41.830	201	Oak	15.0	SOD	Poor	Oak with SOD - Area has concentration of SOD	LEAVE AS IS	45	
76X	N38 28.924 W122 41.809	202	Bay	13.8	SOD	Poor	Bay with SOD - Probably infected Oak Tree 75X	LEAVE AS IS	60	
77X	N38 28.924 W122 41.809	203	Oak	14.1	SOD	Poor	Oak with SOD - Area has concentration of SOD	LEAVE AS IS	45	

Urban Forestry Associates, Inc.	Forestry Assessment Appraisal Notes				Location	Rincon Ridge & Chanterelle		11/26/2011		
Fountaingrove II Open Space Maintenance Association							Updated	2/14/2012		
Tree #	OSMA GPS Reference	OSMA GPS Track #	UFA Species	UFA DBH	UFA Health Condition	UFA Structural Condition	UFA Comments & Fire Risk	UFA Recommendation	Est. Height by Tree Vendor		Count Total
	Across from 3961 Rincon Ridge & Shelter Glen in I-9 across from Chanterelle Circle										
1	N38 29.412 W122 41.467	83	Douglas fir	8.3	n/a	n/a	Too close to Black Oak Hybrid and other Firs	Remove	45		1
2	N38 29.411 W122 41.468	84	Douglas fir	15.1	n/a	n/a	Too close to Black Oak Hybrid and other Firs	Remove	55		1
3	N38 29.412 W122 41.466	85	Douglas fir	6.0	n/a	n/a	Too close to Black Oak Hybrid and other Firs	Remove	30		1
5	N38 29.413 W122 41.463	88	Douglas fir	6.0	n/a	n/a		Remove	25		1
7	N38 29.412 W122 41.378	91	Douglas fir	7.2	n/a	n/a		Remove	35		1
Totals - All Douglas Fir											5

Urban Forestry Associates, Inc.										
Forestry Assessment Appraisal Notes										
Fountaingrove II Open Space Maintenance Association										
Year 2012										
General Prescriptions:										
* Brush Removal is being prescribed separately from tree work.										
* Anything marked with red or orange paint will be removed or chipped on site as allowed per FGII Open Space Plan and the Vendor RFP regarding specifics for the Project.										
* Fuel Reduction will be done with the purpose of maintaining a shaded fuel break, to reduce ongoing maintenance, and slow growth of invasives and chaparral regrowth.										
* Habitat Snags will be cut at 30' +/-, and at the top will have a swirl of branches for nesting or perching birds. Branches along the side of entire snag will be cut to 3' from trunk to mitigate safety issues with fire or falling branches.										
* Firebreak transition to streets need to be reviewed for screening or to maintain desirable natives as landscape features. Fuel Reduction and aesthetics will be reviewed with Vendors for highly visible areas.										
* RFP will instruct Vendors about restrictions of vehicular access, chip removal or spreading (if allowed), erosion issues, protection of endangered plants, working during high fire days, and other OSMA specifications for the Project										
* High cuts of shrubs and trees from prior fuel reduction work, or natural causes, will be cut flat and close to the ground level as possible to improve safety and access when maintaining fuel breaks.										
*** 10 Day Notice Required on Heritage Trees located within 20 Feet of property lines of FGII residences, unless tree is an emergency removal.**										
* Important to Vendors: There are endangered species of Rincon Ceanothus and Rincon Manzanita in FGII. These species are to be preserved and protected. Prior to work, the Vendor needs to identify the plant and work around it.										
Prescription Recommendations (Notes) of UFA to support Recommendations for Management of Trees in Fountaingrove II										
Note 1:	Douglas fir tree has inadequate crown to crown separation from adjacent tree(s). Due to Pyrophytic issue of fir, remove tree to reduce fuel load. This will also improve forest health and provide more nutrients to adjacent trees.									
Note 2:	Limb up tree for fire safety, up to 10' from ground (size permitting), or higher if lower branches of large trees are a safety issue due to poor/unstable branch structure.									
Note 3:	Remove bays that are too close to healthy native oaks that are susceptible to Sudden Oak Death Syndrome (SOD).									
Note 4:	Remove excess suckers from Bay trees to provide more nutrients to main tree(s) and reduce excess fuel to reduce the danger of wildfires.									
Note 5:	All GPS Readings noted below contain the Prefix of 38 Degrees North (N) or 122 Degrees West (W).									
Note 6:	Tree Growing into:	**a: Oak**	b: Madrone		c: Bay		d: D. Fir:		e: Manzanita	
Note 7:	Tree Overtopping:	**a: Oak**	b: Madrone		c: Bay		d: D. Fir:		e: Manzanita	
Note 8:	Tree growing too close to concrete V Ditch that needs to be protected from root damage that would likely damage the ditch, and not enable it to function as its designed purpose of erosion control.									
Note 9:	Embed Logs on Hillside to mitigate erosion and restrict illegal use causing damage to Open Space by motorcycles and dirt bikes.									