

Tree Plan 2 for the Ridge at South Cooper Mountain

This arborist report is part of Tree Plan 2 required for the development of the Lolic-Bellairs Property in Beaverton, Oregon. Tree Plan 2 includes the Tree Table produced by Otak on 1/23/2017. The data on trees was collected by an ISA Certified Arborist in November 2016 and includes tree tag number, species, diameter (dbh), dripline radius, and health and condition rating. The Tree Table includes information on which trees will be removed and which will be protected.

Many trees must be removed to prepare the land for the proposed development and this will affect storm water absorption and wind behavior. Storm water management will be addressed by civil engineering at Otak. Changes in wind behavior and ambient temperature in the immediate vicinity will be addressed in the landscape plan showing new trees and other vegetation to be planted on site.

The following tree protection measures apply to trees being preserved.

- A construction fence shall be placed at the critical root zone of trees to be preserved.
- The fence shall be placed before physical development starts and must remain in place until physical development is complete.
- The fence shall consist of 5-foot tall metal fencing secured to 6-foot tall metal posts driven into the ground.
- The critical root zone is 5 feet outside the average dripline.

I recommend that fencing also be installed at property perimeters that are not already fenced or separated by a roadway for the protection of neighbor trees.

Without supervision by an arborist and prior approval by the City, none of the following is allowed within protected areas:

1. Construction or placement of new buildings;
2. Grade change or cut and fill, except where hand excavation is approved with the submittal of an arborist's report, as part of application approval;
3. New impervious surfaces;
4. Trenching for utilities, irrigation, or drainage;
5. Staging or storage of any kind;
6. Vehicle maneuvering or parking.

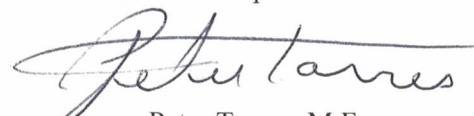
The goal of this Tree Plan is to meet the requirements of the tree preservation code, and to observe all laws, rules, and regulations. All trees to be removed should be verified and marked and all tree protection measures should be inspected and approved before any clearing or grading work begins. It is the owner's responsibility to implement this Tree Plan and to monitor the construction process to its conclusion. Deviations can result in tree damage, liability, and violations of the City Code.

Multnomah Tree Experts, Ltd.

Assumptions and Limiting Conditions

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1. Client warrants any legal description provided to the Consultant is correct and titles and ownerships to property are good and marketable. Consultant shall not be responsible for incorrect information provided by Client. Client agrees to defend, indemnify, and hold Consultant, its officers, directors, employees, and agents harmless from any claims or damages, including attorney fees, arising out of acts or omissions of Client in connection with work performed pursuant to this Agreement.
2. All data will be verified insofar as feasible; however, the Consultant can neither guarantee nor be responsible for the accuracy of information provided by others.
3. The Consultant shall not be required to give testimony or attend court or hearings by reason of this report unless subsequent contractual arrangements are made, including additional fees.
4. The report and any values expressed therein represent the opinion of the Consultant, and the Consultant's fee is in no way contingent upon the reporting of a specified value, a stipulated result, the occurrence of a subsequent event, nor upon any finding to be reported.
5. Sketches, drawings and photographs in the report are intended as visual aids and may not be to scale. The reproduction of information generated by others will be for coordination and ease of reference. Inclusion of such information does not constitute a representation by the consulting arborist, or by Multnomah Tree Experts, Ltd., as to the sufficiency or accuracy of the information.
6. Unless expressed otherwise, information in the report covers only items that were examined, and reflects the condition of those items at the time of inspection. The inspection is limited to visual examination of accessible items without laboratory analysis, dissection, excavation, probing, or coring, unless otherwise stated.
7. There is no warranty or guarantee, expressed or implied, that problems or deficiencies of the plants or property in question may not arise in the future.
8. The report is the completed work product. Any additional work, including production of a site plan, addenda and revisions, construction of tree protection measures, tree work, or inspection of tree protection measures, for example, must be contracted separately.
9. Loss or alteration of any part of the report invalidates the entire report. Ownership of any documents produced passes to the Client only when all fees have been paid.



Peter Torres, M.F.

CCB# 154349

ASCA RCA #372

ISA Certified Arborist PN-0650B

Tag	Species	Diameter	Dripline	CRZ	H/S	Remarks
1	Oregon ash	16	8	13	1	snag; trunk decay; added
2	Oregon ash	15	12	17	2	broke; trunk decay; added
3	Oregon ash	18	24	29	2	leans to south; codominant; added
100	Garry oak	38	30	35	2	
101	Douglas fir	42	32	37	1	terminal decline
102	deodar cedar	11	10	15	2	
103	Oregon ash	11	12	17	2	
104	red pine	10	10	15	2	3' from garage
105	red pine	9	10	15	2	undersize; 3' from garage
105	white pine	28	24	29	2	codominant at 30'
106	aspen	9	8	13	2	undersize
107	aspen	9	8	13	2	undersize
108	aspen	6	8	13	2	undersize
109	aspen	8	8	13	2	undersize
110	aspen	7	8	13	2	undersize
111	aspen	8	8	13	2	undersize
112	aspen	7	8	13	2	undersize
113	sweet cherry	6	8	13	2	undersize
114	sweet cherry	6	6	11	2	undersize
115	giant sequoia	5	6	11	2	undersize
116	giant sequoia	4	6	11	2	undersize
117	sweet cherry	10,8	14	19	2	multiple stems
118	silver maple	13	26	31	2	lean towards parking
119	plum	9	10	15	1	undersize; trunk decay
120	willow	10	14	19	1	listed; in creek
121	Oregon ash	24	26	31	2	ivy
122	Oregon ash	26	30	35	2	trunk decay; in creek
123	Oregon ash	18	18	23	1	basal and trunk decay; large cavity
124	Oregon ash	21	28	33	2	basal and trunk decay; in creek
125	Leyland cypress	10	10	15	1	listed
126	Leyland cypress	6	8	13	2	undersize
127	Leyland cypress	9	8	13	2	undersize
128	Leyland cypress	6	8	13	2	undersize
129	black cottonwood	28	26	31	2	
130	Leyland cypress	11	10	15	2	
131	English hawthorn	8	12	17	1	undersize; basal decay
132	English hawthorn	8	10	15	2	undersize
133	Port-Orford cedar	10	10	15	2	
134	Douglas fir	40	26	31	2	T136 and T135 share stump
135	Douglas fir	44	26	31	2	T136 and T135 share stump

Tag	Species	Diameter	Dripline	CRZ	H/S	Remarks
136	Oregon ash	18	30	35	1	advanced trunk decay; on bank
137	Oregon ash	24	36	41	1	trunk decay; cavity at 20'; on bank
138	Leyland cypress	9	8	13	2	
139	Port-Orford cedar	6	6	11	2	
140	Douglas fir	32	22	27	2	
141	willow	10	12	17	1	listed; in creek
142	Port-Orford cedar	6	8	13	2	undersize
143	plum	16	16	21	2	
144	Douglas fir	8	8	13	2	
145	sweet cherry	11	12	17	1	listed
146	Oregon ash	13	16	21	2	
147	Garry oak	24	26	31	2	
148	Leyland cypress	12	8	13	2	
149	Douglas fir	22	0	5	0	dead
150	Douglas fir	26	22	27	2	
151	sweet cherry	18	16	21	2	
152	Port-Orford cedar	17	12	17	2	
153	Lombardy poplar	14	6	11	2	seam on trunk
154	Oregon ash	6	10	15	1	undersize; stump sucker in creek
156	Garry oak	12	18	23	2	
157	Garry oak	22	18	23	2	
158	Garry oak	13	12	17	2	
159	Garry oak	8	10	15	2	undersize
160	Douglas fir	36	22	27	2	
161	big leaf maple	18	20	25	2	
162	Douglas fir	30	20	25	2	
163	big leaf maple	24	36	41	2	
164	Douglas fir	10	12	17	2	
165	Garry oak	19	24	29	2	
166	Douglas fir	19	16	21	2	trunk swoop
167	bitter cherry	8	12	17	2	undersize
168	bitter cherry	9	10	15	2	undersize
169	bitter cherry	8	10	15	2	undersize
170	Garry oak	8	0	5	0	undersize; dead
171	Douglas fir	20	18	23	2	
172	Douglas fir	24	22	27	2	
173	Douglas fir	45	28	33	3	very large surface roots
174	Douglas fir	10	8	13	2	suppressed
175	Garry oak	10	12	17	2	
176	Garry oak	7	8	13	1	

Tag	Species	Diameter	Dripline	CRZ	H/S	Remarks
177	big leaf maple	15	18	23	2	
178	Pacific dogwood	9	8	13	2	undersize
179	Garry oak	14	18	23	2	
180	Garry oak	9	10	15	2	undersize
181	Garry oak	14	18	23	2	
182	Douglas fir	7	8	13	2	undersize
183	Scouler willow	9	12	17	1	undersize; trunk decay
184	Garry oak	14	16	21	2	
185	Garry oak	13	16	21	3	
186	Garry oak	10	14	19	2	
187	Garry oak	8	12	17	2	undersize
188	big leaf maple	27	30	35	2	
189	Garry oak	6	6	11	1	undersize
190	Garry oak	7	0	5	0	undersize; broken
191	Garry oak	15	18	23	2	
192	Garry oak	9	6	11	1	undersize
193	sweet cherry	6	6	11	2	undersize
194	Scouler willow	6	10	15	1	excessive lean
195	Garry oak	16	18	23	2	
196	Oregon ash	11	22	27	2	
197	Garry oak	10	12	17	2	
198	Garry oak	16	26	31	1	failed stem; trunk decay
199	Garry oak	32	48	53	1	basal and trunk decay; hollow; large tear out of inclusion
200	sweet cherry	6	8	13	2	undersize
201	Garry oak	16	20	25	2	
202	Garry oak	0	0	5	0	on ground
203	Garry oak	7	2	7	1	undersize
204	Garry oak	13	8	13	2	
205	Oregon ash	16	20	25	2	
206	Oregon ash	20	28	33	0	trunk decay; on bank; hazardous to house
207	Leyland cypress	9	8	13	2	undersize
208	Leyland cypress	8	8	13	2	undersize
209	Leyland cypress	8,6	8	13	2	undersize
210	red maple	6	10	15	2	undersize
211	Garry oak	30	28	33	2	
212	willow	19	24	29	2	on bank
213	willow	16	22	27	1	excessive lean; on bank
214	Douglas fir	46	30	35	2	
215	willow	15	20	25	2	on bank
216	Oregon ash	6	8	13	2	undersize

Tag	Species	Diameter	Dripline	CRZ	H/S	Remarks
217	western red cedar	33	18	23	2	on bank
218	western red cedar	30	20	25	2	on bank
219	western red cedar	27	16	21	2	on bank
220	Douglas fir	30	20	25	2	
221	red pine	15	10	15	2	5.5' from building
222	Garry oak	32	28	33	2	on bank
223	Leyland cypress	9	8	13	2	undersize
224	Leyland cypress	11	16	21	2	
225	Leyland cypress	10	14	19	2	
226	Leyland cypress	10	8	13	2	
227	black cottonwood	28	40	45	2	
228	black cottonwood	24	28	33	2	
229	black cottonwood	24	30	35	2	
230	Leyland cypress	6	8	13	2	undersize
231	Leyland cypress	7	8	13	2	undersize
232	Leyland cypress	7	8	13	2	undersize
233	Leyland cypress	9	8	13	2	undersize
234	black cottonwood	24	32	37	2	
235	black cottonwood	30	30	35	2	grows over road
236	Sitka spruce	38	32	37	2	
237	Sitka spruce	17	18	23	2	
238	Oregon ash	10	10	15	2	
239	Oregon ash	7	16	21	1	undersize; excessive lean
240	Sitka spruce	28	22	27	2	
241	English hawthorn	7	14	19	1	undersize; excessive lean
242	Sitka spruce	28	24	29	2	
243	Oregon ash	12	16	21	1	excessive lean
244	Oregon ash	8	10	15	2	undersize
245	Oregon ash	8	12	17	2	undersize
246	Oregon ash	8	16	21	1	undersize3; excessive lean
247	Oregon ash	6	8	13	2	undersize
248	Oregon ash	6	8	13	2	undersize
249	Oregon ash	34	30	35	2	
250	Douglas fir	24	18	23	2	
251	Douglas fir	24	18	23	2	
252	Scouler willow	8,6,5	12	17	2	clump
253	Scouler willow	10	14	19	1	excessive lean; listed
254	English hawthorn	5,5	8	13	2	undersize
255	English hawthorn	8,5	12	17	1	excessive lean
256	Oregon ash	12,11,11,10	18	23	2	clump

Tag	Species	Diameter	Dripline	CRZ	H/S	Remarks
257	Oregon ash	9	10	15	2	undersize
258	Scouler willow	11	12	17	2	
259	Oregon ash	16	14	19	2	codominant from base
260	black cottonwood	5	6	11	2	undersize
261	sweet cherry	8,6	12	17	2	
262	Oregon ash	15	12	17	2	multiple stems from base
263	Oregon ash	7,3	12	17	2	
264	black cottonwood	12	14	19	2	saturated area
265	black cottonwood	8	8	13	2	
266	black cottonwood	18	0	5	0	22' snag
267	black cottonwood	20	10	15	0	inclusion failed; hazardous to road
268	Oregon ash	8	8	13	2	undersize
269	black cottonwood	11	12	17	2	
270	black cottonwood	7	0	5	0	20' snag; undersize
271	black cottonwood	10	14	19	0	basal decay; hazardous to road
272	black cottonwood	13	12	17	2	saturated area prone to failures
273	Garry oak	8	10	15	2	undersize
274	Port-Orford cedar	12	10	15	2	sparse
275	black cottonwood	16	16	21	2	multiple stems from base
276	Douglas fir	34	30	35	2	
277	black cottonwood	12,8	16	21	2	codominant from base
278	black cottonwood	11	14	19	2	
279	black cottonwood	10	12	17	2	
280	black cottonwood	8	10	15	2	undersize
281	black cottonwood	6	10	15	2	undersize
282	black cottonwood	8	10	15	2	undersize
283	black cottonwood	8	10	15	2	undersize
284	black cottonwood	6	8	13	2	undersize
285	black cottonwood	10	12	17	2	
286	black cottonwood	14	16	21	2	
287	black cottonwood	9	12	17	2	undersize
288	Oregon ash	18,17	24	29	2	codominant stems; inclusion; minor trunk decay
289	black cottonwood	12	22	27	2	
290	black cottonwood	11	12	17	2	
291	black cottonwood	49	44	49	2	
292	Garry oak	19	28	33	2	
293	Garry oak	19	36	41	2	
294	Garry oak	5	4	9	2	undersize
295	Oregon ash	9	12	17	2	undersize
296	Douglas fir	8	6	11	2	undersize

Tag	Species	Diameter	Dripline	CRZ	H/S	Remarks
297	Garry oak	13,12,9,8	24	29	2	
298	Garry oak	12	16	21	2	
299	Douglas fir	22	16	21	2	
300	serviceberry	6,6,6,6,6,6	12	17	2	undersize; clump
301	Oregon ash	16	26	31	2	
302	Oregon ash	8	12	17	2	undersize
303	Oregon ash	6	8	13	2	undersize
304	Garry oak	24,20	40	45	2	poison oak
305	Douglas fir	27	22	27	2	mechanical damage to trunk
306	Garry oak	15	20	25	2	
307	Scouler willow	18	14	19	1	severe trunk decay; failed stem; hollow
308	Garry oak	18,10	36	41	2	
309	Garry oak	11	16	21	2	
310	Garry oak	11	20	25	2	
311	Douglas fir	9	8	13	2	
312	Douglas fir	29	20	25	2	
313	Garry oak	9	14	19	2	suppressed
314	Oregon ash	18,16,11,10	34	39	2	multiple stems from base
315	Garry oak	9	12	17	2	
316	Garry oak	11	36	41	2	leans to south
317	Garry oak	13	40	45	2	leans to south
318	Oregon ash	14,10,10,8,6,6	20	25	2	clump; excessive lean on smaller stems
319	Garry oak	8	2	7	2	undersize; poison oak
320	Garry oak	12	8	13	2	
321	Oregon ash	14,12	20	25	2	codominant from base
322	Garry oak	26	20	25	2	
323	Oregon ash	12,10,6,6	16	21	2	multiple stems from base
324	Oregon ash	8	12	17	2	undersize
325	Oregon ash	7	4	9	2	undersize
326	Oregon ash	12	18	23	2	
327	Garry oak	8	16	21	2	undersize
328	Oregon ash	11,9,9,7	22	27	1	multiple broken stems
329	Garry oak	13	18	23	2	
330	Garry oak	15	16	21	2	
331	Oregon ash	10	14	19	2	
332	Oregon ash	11,10,8	22	27	1	basal decay; excessive lean
333	Douglas fir	6	4	9	2	undersize
334	Garry oak	10	14	19	2	
335	Garry oak	19	26	31	2	
336	Garry oak	11,11	18	23	2	

Tag	Species	Diameter	Dripline	CRZ	H/S	Remarks
337	Oregon ash	9	10	15	2	undersize
338	Oregon ash	5	12	17	2	undersize
339	Oregon ash	8	10	15	2	undersize
340	Oregon ash	8	10	15	2	undersize
341	Oregon ash	6	8	13	2	undersize
342	Oregon ash	9	12	17	2	undersize
343	Oregon ash	28	26	31	2	multiple stems from base
344	Garry oak	10	10	15	2	
345	Garry oak	16	22	27	2	
346	Garry oak	12	16	21	2	
347	Garry oak	14	16	21	2	
348	Garry oak	14,10	18	23	2	codominant from base
349	Oregon ash	14	14	19	2	
350	Garry oak	14,10	24	29	2	
351	Oregon ash	18,12	30	35	2	
352	Garry oak	8	2	7	1	undersize
353	Douglas fir	11	10	15	2	
354	Garry oak	20	26	31	2	
355	Garry oak	13	18	23	2	
356	Garry oak	13	18	23	2	
357	Oregon ash	11	20	25	2	
358	Garry oak	12	16	21	2	
359	Garry oak	12	12	17	2	
360	Oregon ash	14	20	25	2	
361	Oregon ash	14	18	23	2	leans to south
362	Oregon ash	21,18	40	45	2	codominant from base
363	Garry oak	15	16	21	2	
364	Garry oak	10	12	17	2	
365	Garry oak	8	8	13	1	undersize; decline
366	Garry oak	11	10	15	2	
367	Oregon ash	16,8	20	25	2	
368	Oregon ash	9	14	19	2	undersize
369	Garry oak	11	12	17	2	
370	Garry oak	16,12	24	29	2	codominant from base
371	Garry oak	14	16	21	2	
372	Garry oak	19	18	23	2	
373	Garry oak	7	0	5	0	undersize; dead
375	Garry oak	11	14	19	2	
377	Garry oak	13	16	21	2	
378	Garry oak	16	20	25	2	

Tag	Species	Diameter	Dripline	CRZ	H/S	Remarks
379	Garry oak	10	16	21	2	
380	Garry oak	13	18	23	2	leans to south
381	Garry oak	14	20	25	2	leans to south
382	Garry oak	7	8	13	2	undersize
383	Oregon ash	30	40	45	2	multiple stems from base; excessive lean
384	Garry oak	8	10	15	2	undersize
385	Garry oak	10,7	14	19	2	
386	Garry oak	6	10	15	2	undersize
387	Garry oak	8	14	19	2	undersize
388	Garry oak	6	12	17	2	undersize
389	Garry oak	6	4	9	2	undersize
390	Oregon ash	11	18	23	2	
391	Oregon ash	16	18	23	2	
392	Garry oak	24	12	17	2	
393	Garry oak	10	14	19	2	suppressed
394	Garry oak	14	16	21	2	
395	Oregon ash	18	20	25	2	excessive lean
396	Garry oak	21	18	23	2	codominant from base
397	Garry oak	48	40	45	1	inclusion failed; 8' tear out on trunk
398	Oregon ash	18,16	25	30	1	excessive lean over creek on 1 stem
399	Garry oak	23	28	33	2	failed tree hung up in canopy
400	Oregon ash	26,12,18,16,15	32	37	1	clump; 3 of 5 stems broken; shear plain fractures
401	Oregon ash	17	18	23	1	failed inclusion @12'
402	Garry oak	12	16	21	2	in creek bed
403	Garry oak	13	22	27	2	dead branches
404	Oregon ash	10,8,6,13	12	17	1	multiple stems, all broken
405	Garry oak	39	38	43	2	
406	Scouler willow	11	16	21	2	
407	Garry oak	12	10	15	2	
408	Oregon ash	12,12	22	27	2	codominant from base
409	Oregon ash	19	28	33	2	on bank
410	Oregon ash	18	26	31	2	
411	Oregon ash	11	16	21	2	
412	Garry oak	21	28	33	2	
413	Oregon ash	15	26	31	2	
414	Oregon ash	12	18	23	2	
415	Oregon ash	23	34	39	1	codominant; stem decay
416	Oregon ash	10	16	21	2	
417	Garry oak	22	18	23	2	1 broken stem
418	Garry oak	28	30	35	2	

Tag	Species	Diameter	Dripline	CRZ	H/S	Remarks
419	Garry oak	17	22	27	2	
420	Oregon ash	13	20	25	2	
421	Oregon ash	12	14	19	2	
422	Oregon ash	10	14	19		
423	Oregon ash	12	18	23	2	
424	Oregon ash	11	14	19	2	
425	Oregon ash	11	18	23	2	
426	Oregon ash	9	10	15	2	undersize
427	Oregon ash	11	18	23	2	
428	Oregon ash	12	24	29	2	
429	Oregon ash	20	32	37	2	
430	Oregon ash	12	16	21	2	
431	Oregon ash	29	18	23	2	codominant from 3'
432	Oregon ash	20	42	47	2	leans to south; codominant
433	Oregon ash	13	38	43	2	
434	Oregon ash	11	30	35	2	
435	Oregon ash	20	28	33	2	leans to south
436	Scouler willow	10,10,10,10	16	21	1	listed
437	Oregon ash	14	20	25	2	
438	Oregon ash	15	26	31	2	
439	sweet cherry	12	16	21	2	
440	sweet cherry	9	8	13	2	undersize
441	Douglas fir	23	18	23	2	
442	Oregon ash	12	14	19	2	
443	Oregon ash	11	14	19	2	
444	Oregon ash	16	36	41	2	
445	Oregon ash	15	16	21	2	
446	Oregon ash	10	40	45	2	leans to south
447	Oregon ash	9	32	37	1	undersize; excessive lean
448	Oregon ash	10	18	23	2	
449	Oregon ash	15	16	21	2	
450	Oregon ash	14	24	29	2	leans to south
451	Oregon ash	13	14	19	1	1 broken stem
452	Oregon ash	14	18	23	2	
453	Oregon ash	18	26	31	2	
454	Oregon ash	13	20	25	2	
455	Oregon ash	12,12	18	23	1	severe basal and trunk decay
456	Oregon ash	15	30	35	2	leans to south
457	Oregon ash	10	12	17	2	
458	Oregon ash	23	30	35	2	leans to south; codominant

Tag	Species	Diameter	Dripline	CRZ	H/S	Remarks
459	Oregon ash	15	24	29	1	leans to south; broken
460	Oregon ash	12	22	27	2	
461	Oregon ash	17	28	33	2	
462	Oregon ash	13	16	21	2	
463	Oregon ash	12	16	21	2	
464	Oregon ash	13	26	31	2	tree part hung up in main crotch
465	Oregon ash	19	36	41	2	codominant @ 8'
466	Oregon ash	19	38	43	2	trunk decay
467	Oregon ash	20	24	29	2	codominant @ 3'
468	Oregon ash	21	28	33	2	
469	Oregon ash	15	16	21	2	
470	Oregon ash	23	32	37	2	on bank
471	Oregon ash	20	34	39	2	
472	Oregon ash	29	40	45	2	leans to south; multiple stems from base
473	Oregon ash	13	26	31	2	
474	Oregon ash	13	20	25	2	
475	Oregon ash	25	32	37	2	codominant from 4'
476	Oregon ash	15	20	25	2	
477	Oregon ash	13	22	27	2	
478	Oregon ash	12	18	23	2	
479	Oregon ash	17	26	31	1	basal decay
480	Oregon ash	21	30	35	1	basal decay; trunk; decay; broken stem
481	Oregon ash	17	32	37	2	
482	Douglas fir	10	10	15	2	
483	Douglas fir	11	10	15	2	
484	Douglas fir	12	10	15	2	
485	Douglas fir	12	10	15	2	
486	Douglas fir	10	8	13	2	
487	Douglas fir	10	8	13	2	
488	Douglas fir	12	10	15	2	
489	Douglas fir	11	8	13	2	
490	Douglas fir	11	12	17	2	
491	Douglas fir	12	12	17	2	
492	Douglas fir	11	12	17	2	
493	Douglas fir	11	8	13	2	
494	Douglas fir	10	12	17	2	
495	Douglas fir	11	12	17	2	
496	Douglas fir	11	10	15	2	
497	Douglas fir	11	12	17	2	
498	Douglas fir	9	8	13	2	undersize

Tag	Species	Diameter	Dripline	CRZ	H/S	Remarks
499	Douglas fir	12	10	15	2	
500	Douglas fir	13	12	17	2	
501	Douglas fir	10	8	13	2	
502	Douglas fir	10	10	15	2	
503	Douglas fir	14	12	17	2	
504	Douglas fir	10	8	13	2	
505	Douglas fir	15	12	17	2	
506	Douglas fir	12	12	17	2	
507	Douglas fir	11,12	14	19	2	
508	Douglas fir	11	10	15	2	
509	Douglas fir	10	10	15	2	
510	Douglas fir	14	12	17	2	
511	Douglas fir	10	12	17	2	
512	Douglas fir	12	8	13	2	
513	Douglas fir	10	8	13	2	
514	Douglas fir	12	10	15	2	
515	Douglas fir	11	10	15	2	
516	Douglas fir	10	8	13	2	
517	Douglas fir	11	10	15	2	
518	Douglas fir	10	10	15	2	
519	Douglas fir	10	12	17	2	
520	Douglas fir	11	10	15	2	
521	Douglas fir	10	8	13	2	
522	Douglas fir	11	10	15	2	
523	Douglas fir	10	10	15	2	
524	Douglas fir	11	10	15	2	
525	Douglas fir	12	10	15	2	
526	Douglas fir	10	8	13	2	
527	Douglas fir	15	14	19	2	
528	Douglas fir	11	14	19	2	
529	Douglas fir	14	16	21	2	
530	Douglas fir	10	8	13	2	
531	Douglas fir	12	12	17	2	
532	Douglas fir	13	12	17	2	
533	Douglas fir	13	12	17	2	
534	Douglas fir	14	12	17	2	
535	Douglas fir	10	12	17	2	
536	Douglas fir	10	8	13	2	
537	Douglas fir	9	10	15	2	undersize
538	Douglas fir	10	10	15	2	

Trees=10", and for W. hem, Mt. hem, madrone blm= 6"

Code 60.60

0/dead or hazard 1/decline 2/average 3/excellent

Health Structure (H/S)

Tag	Species	Diameter	Dripline	CRZ	H/S	Remarks
539	Douglas fir	12	12	17	2	
540	Douglas fir	9	8	13	2	undersize
541	Douglas fir	15	16	21	2	
542	Douglas fir	11	8	13	2	
543	Douglas fir	14	14	19	2	
544	Douglas fir	15	10	15	2	
545	Douglas fir	14	14	19	2	
546	Douglas fir	11	12	17	2	codominant tops
547	Douglas fir	12	8	13	2	
548	Douglas fir	12	10	15	2	
549	Douglas fir	13	12	17	2	
550	Douglas fir	11	10	15	2	
551	Douglas fir	10	8	13	2	
552	Douglas fir	11	10	15	2	
553	Douglas fir	10	8	13	2	
554	Douglas fir	10	8	13	2	
555	Douglas fir	9	8	13	2	undersize
556	Douglas fir	11	8	13	2	
557	Douglas fir	10	8	13	2	
558	Douglas fir	10	10	15	2	
559	Douglas fir	10	10	15	2	codominant tops
561	Douglas fir	9	12	17	2	undersize
562	Douglas fir	10	8	13	2	
563	Douglas fir	10	10	15	2	
564	Douglas fir	10	12	17	2	
565	Douglas fir	9	6	11	2	undersize
566	Douglas fir	12	14	19	2	
567	Douglas fir	17	20	25	2	
568	Douglas fir	15	20	25	2	
569	Douglas fir	10,8	10	15	2	codominant from base
570	Douglas fir	10,12	16	21	2	
571	Douglas fir	12	16	21	2	codominant tops
572	Douglas fir	10	8	13	2	
573	Douglas fir	9	8	13	2	undersize
574	Douglas fir	10	6	11	2	
575	Douglas fir	11	10	15	2	
576	Douglas fir	9	6	11	2	undersize
577	Douglas fir	11	8	13	2	
578	Douglas fir	10	8	13	2	
579	Douglas fir	14	10	15	2	

Tag	Species	Diameter	Dripline	CRZ	H/S	Remarks
580	Douglas fir	11	10	15	2	
581	Douglas fir	10	10	15	2	
582	Douglas fir	12	12	17	2	
583	Douglas fir	10	10	15	2	
584	Douglas fir	10	12	17	2	
585	Douglas fir	11	12	17	2	
586	Douglas fir	14	12	17	2	
587	Douglas fir	11	10	15	2	
588	Douglas fir	10	8	13	2	
589	Douglas fir	10	8	13	2	
590	Douglas fir	11	8	13	2	
591	Douglas fir	10	8	13	2	
592	Douglas fir	11	12	17	2	
593	Douglas fir	12	8	13	2	
594	Douglas fir	10	8	13	2	
595	Douglas fir	10	10	15	2	
596	Douglas fir	12	10	15	2	
597	Douglas fir	10	8	13	2	
598	Douglas fir	13	8	13	2	
599	Douglas fir	11	8	13	2	
600	Douglas fir	10	18	23	2	
601	Douglas fir	10	6	11	2	
602	Douglas fir	9	6	11	2	undersize
603	Douglas fir	9	6	11	2	undersize
604	Douglas fir	10	8	13	2	
605	Douglas fir	10	8	13	2	
606	Douglas fir	10	6	11	2	
607	Douglas fir	12	18	23	2	girdled by rope
608	Douglas fir	13	8	13	2	
609	Douglas fir	14	10	15	2	
610	Douglas fir	12	8	13	2	
611	Douglas fir	10	8	13	2	
612	Douglas fir	10	8	13	2	
613	black walnut	35	46	51	2	
614	Douglas fir	13	8	13	2	
615	Douglas fir	12	8	13	2	
616	Douglas fir	11	8	13	2	
617	Douglas fir	10	10	15	2	
618	Douglas fir	10	8	13	2	
619	Douglas fir	12	6	11	2	

Tag	Species	Diameter	Dripline	CRZ	H/S	Remarks
620	Douglas fir	10	6	11	2	
620	Douglas fir	10	6	11	2	
621	Douglas fir	11	8	13	2	
622	Douglas fir	12	8	13	2	
623	Douglas fir	10,8	8	13	2	
624	Douglas fir	9	6	11	2	undersize
625	Douglas fir	12	8	13	2	
626	Douglas fir	12	8	13	2	
627	Douglas fir	10	8	13	2	codominant tops
628	Douglas fir	13	14	19	2	
629	Douglas fir	12	12	17	2	
630	Douglas fir	16	14	19	2	codominant @ 3'
631	Douglas fir	11	14	19	2	
632	Douglas fir	10	8	13	2	
633	Douglas fir	13	14	19	2	
634	Douglas fir	11	8	13	2	
635	Douglas fir	12	10	15	2	
636	Douglas fir	9	8	13	2	undersize; codominant tops
637	Douglas fir	13	12	17	2	
638	Douglas fir	12	12	17	2	
639	Douglas fir	17	12	17	2	
640	Douglas fir	11	10	15	2	
641	Douglas fir	11	10	15	2	
642	Douglas fir	13	12	17	2	
643	Douglas fir	12	10	15	2	
644	Douglas fir	12	12	17	2	
645	Douglas fir	11	8	13	2	
646	Douglas fir	10	6	11	2	
647	Douglas fir	15	12	17	2	
648	Douglas fir	12	10	15	2	
649	Douglas fir	11	8	13	2	
650	Douglas fir	11	8	13	2	
651	Douglas fir	10	6	11	2	
652	Douglas fir	10	6	11	2	
653	Douglas fir	10	8	13	2	
654	Douglas fir	10	10	15	2	
655	Douglas fir	10	12	17	2	
656	Douglas fir	10	6	11	2	
657	Douglas fir	11	10	15	2	
658	Douglas fir	11	10	15	2	

Tag	Species	Diameter	Dripline	CRZ	H/S	Remarks
659	Douglas fir	10	10	15	2	
660	Douglas fir	12	12	17	2	
661	Douglas fir	10	12	17	2	
662	Douglas fir	10	8	13	2	
664	Douglas fir	9	8	13	2	undersize
665	Douglas fir	9	8	13	2	undersize
666	Douglas fir	11	8	13	2	
667	Douglas fir	9	6	11	2	
668	Douglas fir	11	8	13	2	tree has 2 numbers on map. Tag number is 668 in the field.
669	Douglas fir	10	6	11	2	
670	Douglas fir	9	6	11	2	undersize
671	Douglas fir	12	8	13	2	
672	Douglas fir	12	8	13	2	
673	Douglas fir	13	8	13	2	
674	Douglas fir	15	12	17	2	
675	Douglas fir	10	8	13	2	
676	Douglas fir	10	6	11	2	
677	Douglas fir	12	6	11	2	
678	Douglas fir	12	8	13	2	
680	Douglas fir	10	6	11	2	
681	Douglas fir	10	6	11	2	
682	Douglas fir	11	8	13	2	
683	Douglas fir	9	6	11	2	undersize
684	Douglas fir	10	6	11	2	
685	Douglas fir	10	6	11	2	
686	Douglas fir	10	6	11	2	
687	Douglas fir	11	10	15	2	
688	Douglas fir	14	10	15	2	
689	Douglas fir	10	6	11	2	
689	Douglas fir	10	6	11	2	
690	Douglas fir	10	8	13	2	
691	Douglas fir	10	6	11	2	
692	Douglas fir	13	10	15	2	
693	Douglas fir	10	6	11	2	
694	Douglas fir	12	8	13	2	
695	Douglas fir	10	6	11	2	
696	Douglas fir	12	8	13	2	
697	Douglas fir	10	6	11	2	
697	Douglas fir	10	6	11	2	
698	Douglas fir	10	6	11	2	

Tag	Species	Diameter	Dripline	CRZ	H/S	Remarks
699	Douglas fir	9	6	11	2	undersize
700	Douglas fir	10	6	11	2	
701	Douglas fir	11	8	13	2	
702	Douglas fir	10	8	13	2	
703	Douglas fir	9	6	11	2	undersize
704	Douglas fir	11	10	15	2	
705	Douglas fir	10	10	15	2	
706	Douglas fir	10	10	15	2	
707	Douglas fir	10	10	15	2	
708	Douglas fir	9	6	11	2	undersize
709	Douglas fir	10	8	13	2	
710	Douglas fir	10	8	13	2	
711	Douglas fir	10	10	15	2	
712	Douglas fir	9	8	13	2	undersize
713	Douglas fir	11	8	13	2	
714	Douglas fir	9	6	11	2	undersize
715	Douglas fir	9	8	13	2	undersize
716	Douglas fir	9	8	13	2	undersize
717	Douglas fir	10	6	11	2	
718	Douglas fir	12	6	11	2	
719	Douglas fir	10	6	11	2	
720	Douglas fir	10	6	11	2	
721	Douglas fir	9	6	11	2	undersize
721	Douglas fir	9	6	11	2	
722	Douglas fir	11	8	13	2	
723	Douglas fir	12	8	13	2	
724	Douglas fir	12	8	13	2	
725	Douglas fir	16	12	17	2	
726	Douglas fir	14	12	17	2	
727	Douglas fir	13	12	17	2	
728	Douglas fir	13	16	21	2	
729	Douglas fir	11	14	19	2	
730	Douglas fir	11	10	15	2	
731	Douglas fir	14	10	15	2	
732	Douglas fir	13	10	15	2	
733	Douglas fir	10	6	11	2	
734	Douglas fir	11	6	11	2	
735	Douglas fir	13	14	19	2	
736	Douglas fir	11	12	17	2	
737	Douglas fir	12	16	21	2	

Tag	Species	Diameter	Dripline	CRZ	H/S	Remarks
738	Douglas fir	14	16	21	2	
739	Douglas fir	10	8	13	2	
740	Douglas fir	11	8	13	2	
741	Douglas fir	9	6	11	2	undersize
742	Douglas fir	10	6	11	2	
743	Douglas fir	11	10	15	2	
744	Douglas fir	11	8	13	2	
745	Douglas fir	10	8	13	2	
746	Douglas fir	9	6	11	2	undersize
747	Douglas fir	9	6	11	2	undersize
748	Douglas fir	10	6	11	2	
749	Douglas fir	10	8	13	2	
750	Douglas fir	10	8	13	2	
751	Douglas fir	10	8	13	2	
752	Douglas fir	12	12	17	2	
753	Douglas fir	12	10	15	2	
754	Douglas fir	12	8	13	2	
755	Douglas fir	10	8	13	2	
756	Douglas fir	10	8	13	2	
757	Douglas fir	10	6	11	2	
758	Douglas fir	10	6	11	2	
759	Douglas fir	9	6	11	2	undersize
760	Douglas fir	11	8	13	2	
761	Douglas fir	10	6	11	2	
762	Douglas fir	13	6	11	2	
763	Douglas fir	10	8	13	2	
764	Douglas fir	10	8	13	2	
765	Douglas fir	10	6	11	2	
766	Douglas fir	9	6	11	2	undersize
767	Douglas fir	9	6	11	2	undersize
768	Douglas fir	11	12	17	2	
769	Douglas fir	14	8	13	2	
770	Douglas fir	13	16	21	2	
771	Douglas fir	10	14	19	2	
772	Douglas fir	10	8	13	2	
773	Douglas fir	13	14	19	2	
774	Douglas fir	12	12	17	2	
775	Douglas fir	11	16	21	2	
776	Douglas fir	10	8	13	2	
777	Douglas fir	10	6	11	2	

Tag	Species	Diameter	Dripline	CRZ	H/S	Remarks
778	Douglas fir	9	6	11	2	undersize
779	Douglas fir	10	8	13	2	
780	Douglas fir	11	8	13	2	
781	Douglas fir	11	8	13	2	
782	Douglas fir	11	8	13	2	
783	Douglas fir	10	6	11	2	
784	Douglas fir	9	6	11	2	undersize
785	Douglas fir	11	18	23	2	
786	Douglas fir	12	18	23	2	
787	Douglas fir	10	18	23	2	
788	Douglas fir	9	8	13	2	undersize
789	Douglas fir	9	8	13	2	undersize
790	Douglas fir	11	18	23	2	
791	Douglas fir	10	8	13	2	
792	Douglas fir	10	8	13	2	
793	Douglas fir	10	8	13	2	
794	Douglas fir	10	8	13	2	
795	Douglas fir	12	8	13	2	
796	Douglas fir	11	8	13	2	
797	Douglas fir	12	8	13	2	
798	Douglas fir	12	14	19	2	
799	Douglas fir	9	14	19	2	undersize
800	Douglas fir	13	12	17	2	
801	Douglas fir	11	8	13	2	
802	Douglas fir	10	12	17	2	
803	Douglas fir	9	6	11	2	undersize
804	Douglas fir	10	8	13	2	
805	Douglas fir	11	8	13	2	
806	Douglas fir	11	8	13	2	
807	sweet cherry	8	15	20	2	undersize; excessive lean
808	sweet cherry	9	20	25	2	undersize; excessive lean
809	sweet cherry	10	20	25	2	excessive lean
810	sweet cherry	20	20	25	2	
811	pear	12	12	17	2	
812	sweet cherry	10	14	19	2	
813	Oregon ash	9	8	13	2	undersize
814	Douglas fir	29	20	25	2	
815	Scouler willow	12	12	17	1	inclusion is torn out; 50% of trunk is dead at 4'
816	sweet cherry	9	8	13	1	mechanical damage to trunk
817	Douglas fir	44	38	43	0	terminal decline

Tag	Species	Diameter	Dripline	CRZ	H/S	Remarks
818	Oregon ash	16	26	31	1	excessive lean
819	Garry oak	20	18	23	2	
820	Douglas fir	19,18	16	21	2	codominant from base
821	Douglas fir	9	8	13	2	
822	Garry oak	25	30	35	2	
823	Douglas fir	11	12	17	2	undersize
824	Garry oak	28	32	37	2	
825	sweet cherry	12	14	19	2	
826	Garry oak	13,11	16	21	2	
827	Pacific madrone	17,12,12,12	22	27	2	multiple stems from base
828	Garry oak	12	12	17	2	
829	Garry oak	14	16	21	2	
830	Garry oak	11	14	19	2	
831	Garry oak	13	16	21	2	leans to south
832	Garry oak	10	8	13	2	
833	Garry oak	15	12	17	2	
834	Garry oak	15	14	19	2	
835	Douglas fir	11	14	19	2	
836	Douglas fir	40	36	41	3	
837	Garry oak	30	26	31	2	
838	Douglas fir	51	32	37	2	
839	Garry oak	19	18	23	2	
840	Douglas fir	28	22	27	2	
841	big leaf maple	23	32	37	2	
842	Douglas fir	14	10	15	2	
843	ponderosa pine	45	40	45	1	advanced trunk decay; cavity; multiple large re-grown tops @ 50'
844	Douglas fir	10	8	13	2	
845	madrone	12	16	21	2	
846	Douglas fir	40	26	31	2	
847	Garry oak	23	40	45	2	suppressed; leans to south
848	Douglas fir	15	10	15	2	suppressed
849	Oregon ash	16	36	41	2	excessive lean
850	Douglas fir	15	18	23	2	
851	Douglas fir	28	20	25	2	
852	Garry oak	24	28	33	2	
853	big leaf maple	19	20	25	2	
854	Scouler willow	11	8	13	1	dead top
855	Garry oak	28	34	39	2	
856	Douglas fir	15	16	21	2	
857	Garry oak	17	20	25	2	

Tag	Species	Diameter	Dripline	CRZ	H/S	Remarks
858	Douglas fir	28	20	25	2	
859	Garry oak	20	18	23	2	
860	Garry oak	25	18	23	2	shares stump with T861
861	Garry oak	26	20	25	2	shares stump with T860
862	Garry oak	17	22	27	2	
863	Garry oak	14	16	21	2	
864	Douglas fir	23	20	25	2	
865	Garry oak	12	16	21	2	suppressed
866	Garry oak	15	18	23	2	
867	Garry oak	10	20	25	2	
868	Garry oak	22	18	23	2	
869	Garry oak	12	14	19	2	suppressed
870	Garry oak	27	18	23	2	codominant from base
871	Garry oak	10	12	17	2	
872	Garry oak	20	26	31	2	
873	Garry oak	22	20	25	1	trunk decay; cavities; past failures
874	Garry oak	20	22	27	2	
875	Garry oak	24	26	31	2	
876	Garry oak	22	20	25	2	
877	Garry oak	9	6	11	1	undersize; basal decay; dead stem
878	Garry oak	9	8	13	1	broken top
879	Garry oak	44	36	41	2	codominant @ 3'
880	Garry oak	26,20	28	33	2	codominant @ 2'
881	Garry oak	18	20	25	2	
882	Garry oak	28	24	29	2	leans to south
883	Garry oak	18	16	21	2	
884	Garry oak	16	20	25	2	
885	Garry oak	10,7	14	19	2	
886	Garry oak	15	20	25	2	
887	Garry oak	14	16	21	2	
888	Garry oak	24	22	27	2	codominant @5'
889	Garry oak	13	16	21	2	offsite
889	Garry oak	14	14	19	2	offsite
890	Garry oak	60	60	65	2	offsite
891	Garry oak	18	18	23	2	on property line
892	Garry oak	12	8	13	2	offsite; poison oak
893	Garry oak	42	42	47	2	offsite
894	Garry oak	18	18	23	2	offsite
895	Garry oak	26	22	27	2	
896	Oregon ash	26	26	31	2	offsite

Tag	Species	Diameter	Dripline	CRZ	H/S	Remarks
897	Oregon ash	38	36	41	1	multiple stems; cavities; stem decay
898	Garry oak	16	14	19	2	offsite
899	Oregon ash	46	38	43	2	offsite; multiple stems from base
900	Oregon ash	15,15	20	25	1	stem decay; multiple stems from base
901	Oregon ash	42	32	37	2	multiple stems; inclusions
902	Garry oak	18	16	21	2	offsite
903	Garry oak	16	12	17	1	basal decay; cavity at base
904	Garry oak	24	16	21	2	offsite
905	ponderosa pine	36	22	27	2	offsite
906	Douglas fir	40	26	31	1	terminal decline; scorched bark on one side
907	Garry oak	32	22	27	2	
908	Garry oak	26	16	21	2	
909	Garry oak	26	28	33	2	
910	Garry oak	45	42	47	2	offsite
911	Garry oak	23	20	25	2	offsite
912	Garry oak	36	26	31	2	offsite
913	Garry oak	32	28	33	2	
914	Garry oak	39	40	45	2	offsite
915	Garry oak	30	26	31	2	offsite
916	Douglas fir	14	12	17	2	offsite
917	Garry oak	26	24	29	2	
918	Garry oak	30	28	33	2	
919	Douglas fir	49	36	41	3	scorched bark on 1 side; on property line
920	ponderosa pine	48	36	41	3	scorched bark on 1 side; offsite
921	Garry oak	12	18	23	1	basal decay; burnt stump; offsite
922	Oregon ash	14	14	19	1	wound on base; offsite
276A	Douglas fir	24,16	22	27	2	added; suppressed
A	Douglas fir	13	10	15	2	added
B	Lombardy poplar	26	16	21	2	

Species

CRZ is Critical Root Zone (dripline radius plus 5 ft.)

aspens- Populus tremuloides

big leaf maple- Acer macrophyllum

bitter cherry- Prunus emarginata

black cottonwood- Populus trichocarpa

black walnut- Juglans nigra

deodar cedar- Cedrus deodara

Douglas fir- Pseudotsuga menziesii

Trees=10", and for W. hem, Mt. hem, madrone blm= 6"

Code 60.60

0/dead or hazard 1/decline 2/average 3/excellent

Health Structure (H/S)

Tag	Species	Diameter	Dripline	CRZ	H/S	Remarks
	English hawthorn-	Crataegus laevigata				
	Garry oak-	Quercus garryana				
	giant sequoia-	Sequoiadendron giganteum				
	Leyland cypress-	Cupressus x leylandii				
	Lombardy poplar-	Populus nigra				
	Pacific madrone-	Arbutus menziesii				
	Oregon ash-	Fraxinus latifolia				
	Pacific dogwood-	Cornus nuttallii				
	pear-	Pyrus sp.				
	plum-	Prunus sp.				
	ponderosa pine-	Pinus ponderosa				
	Port-Orford cedar-	Chamaecyparis lawsoniana				
	red maple-	Acer rubrum				
	red pine-	Pinus resinosa				
	Scouler willow-	Salix scouleriana				
	serviceberry-	Amelanchier sp.				
	silver maple-	Acer saccharinum				
	Sitka spruce-	Picea sitchensis				
	sweet cherry-	Prunus avium				
	western red cedar-	Thuja plicata				
	white pine-	Pinus strobus				
	willow-	Salix sp.				

Trees=10", and for W. hem, Mt. hem, madrone blm= 6"

Code 60.60

0/dead or hazard 1/decline 2/average 3/excellent

Health Structure (H/S)