



Samnik and Ballard
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REPORT OF FINDINGS

SPRING LAKE

PREPARED FOR:

Campo Engineering, Inc.
C/o Matthew Campo
1725 East 5th Avenue
Tampa, Florida 33605

ATTENTION:

MR. MATTHEW CAMPO

Joseph Samnik
Certified Arborist, #SO-0408, TRAQ
Licensed – Bureau of Entomology, #7774
Consulting Arborist

July 3, 2015

SPRING LAKE

ENGAGEMENT:

As you requested, I have completed my assignment at the Spring Lake site on Thursday July 2, 2015.

ASSIGNMENT:

My assignment was to:

1. Assess significant trees in the area of disturbance by name, size and make recommendations for removal or preservation as it relates to the limits of construction.
2. Identify any potential Grand trees.
3. Provide root pruning and canopy pruning recommendations for those subject trees that will be preserved.
4. Number subject trees on a provided survey for communication purposes.
5. Written report including annotated survey.

SUMMARY OPINION:

1. My per tree findings and recommendations may be found in the Discussion section of this report.
2. There are seventeen (17) Grand trees associated with this parcel. Five (5) trees were of poor condition and disqualified from Grand tree status.
3. The annotated survey is attached.

DISCUSSION

A list of the possible Grand trees is a part of this section of the report. The determination of what will be done to them (removal, preservation, and pruning) cannot be affirmed until the trees are placed to scale on a master plan of the project. Each Grand tree proposed course of action must be addressed with the City of Tampa at a later date.

The recommendations for each of the 156 subject trees are also a part of this section of the report.

Your client will be required to have American National Standards Institute (ANSI) pruning specifications regarding each tree to be pruned, root pruned or other subsequent remedial action.

This cannot be accomplished without input from the county as to what will be acceptable to them and what will not be acceptable to them.

All trees to remain must, at a minimum, be **CLEANED (ANSI A300, Part 1)** of dead, dying or diseased wood. Your client will need written specifications for both the City of Tampa and for

bidding purposes. Other trees may require additional pruning action as defined by ANSI Standards.

This proposed work must also be in concert with the City of Tampa. As an example, you will note that, “root pruning” is recommended on numerous trees. ANSI Standards must be written for this action. This is imperative for the legal protection of your client and his due diligence requirements.

If we may be of assistance to you or your client in meeting, negotiating, and developing an action plan based upon these ANSI Standards, please advise.

The subject trees were not accessed or analyzed for risk of failure, in part or in whole.

DISCLAIMER

The only trees which we analyzed, inspected, look at, or considered are those trees listed in this report. Unless specifically contracted to do so this assessment and engagement did not and does not consider or conduct a tree risk assessment. As to the trees subject to this engagement and listed in this report, and as analyzed in the field, were considered for only *signs* and *symptoms* which were or are *highly visible* and *patent*, as indicators of a stressed, declining, or risk tree. Defects which may exist underground or internally in the tree(s) could not and were not considered in our analysis. Should you desire to have this level of diagnostic analysis completed on your trees please advise and we shall submit to you a proposal to conduct that analysis. Trees subject to this report were analyzed from the ground and no aerial inspections were made. Our report and analysis has been made using accepted arboriculture techniques which include a visual examination only. All reasonable efforts have been made to ensure that the trees recommended for retention are healthy; however, no guarantees are offered, or imply, that these trees or all parts of them will remain standing. It is professionally impossible to predict with absolute certainty the behavior of any tree or groups of trees, or all their component parts, in all given circumstances.

Our conclusions and analysis are valid as to the date of inspection only. Degradation and other risk factors affecting trees can and do occur at any time. It is highly recommended that the trees subject to this report be inspected by a qualified professional on a routine basis or after any significant or adverse weather event for risk factors which may negatively influence the structural integrity of trees. Inevitably, any standing tree will always pose some risk. The only guarantee of a risk free environment from the possibility or probability of tree failure is to remove the tree(s).

We affirm that our opinions have been made in total good faith, based on the facts presented during our inspection, with no coercion from others or marketplace influences or factors. We further affirm that we have no interest with the parties or people involved with this issue or any interest with regard to the outcome of this matter. Our fees are not contingent upon the outcome of this matter.

ATTACHMENTS

Spring Lake Basin Stormwater Project

Recommendations for Subject Trees

Tree#

1. Recommend removal. Construction impact within 5' of trunk will create structural compromise.
2. Remove lower branch.
3. Raise canopy for construction clearance.
4. Shift trench box 10' to west, raise canopy.
5. If curb inlet can be installed at the location of the present curb inlet this tree can be saved, otherwise remove. If preserved, root prune 6' from trunk (see red line on plan).
6. Raise crown as needed for construction purposes.
7. Use trench box. Root prune 15' from trunk for 40 linear feet.
8. Recommend removal; trunk decay.
9. Recommend removal; trunk decay.
10. No comment.
11. No comment.
12. Use over-sized trench box to include box culvert and 8" sanitary line. Keep excavation 10' from trunk. Root prune behind trench box.

13. Root prune 6' back of curb.
14. Root prune 6' back of curb.
15. Recommend removal; deep cavity in trunk.
16. No comment.
17. Root prune 6' back of curb, 10 LF.
18. Root prune 6' back of curb.
19. Large branches are only 8' over street; recommend consulting with city arborist before removing these branches.
20. No comment.
21. No comment.
22. No comment.
23. Root prune 8' back of curb – 15 LF
24. Root prune 8' back of curb – 15 LF
25. Root prune 8' back of curb – 15 LF
26. Root prune 8' back of curb – 15 LF
27. If 12" RCP is abandoned (recommended) no root pruning is necessary, otherwise, Root prune 8' back of curb – 25 LF
28. No comment.
29. No comment.
30. Root prune 9' back of curb – 45 LF
31. Recommend removal due to impacts and below average condition.
32. If possible maintain back of curb as top of bank (cut) and root prune 2' back of curb

33. Root prune 2' back of curb – 30 LF
34. Root prune 2' back of curb – 20 LF
35. Recommend removal, severe impact
36. Recommend removal, severe impact
37. Recommend removal, severe impact
38. Root prune 2' back of curb (BOC), 25 LF
39. Root prune 2' BOC, 25 LF
40. Recommend removal due to impacts
41. Recommend removal, severe impact
42. Root prune 8' back of curb (BOC), 30 LF
43. No comment
44. Recommend removal due to impacts
45. No comment
46. Recommend removal due to impacts
47. Recommend removal due to impacts
48. Recommend removal due to impacts, poor structure, and basal codominant
49. Recommend removal due to impacts, basal codominant
50. Root prune 8' back of curb (BOC), 25 LF
51. Minor crown raising
52. Root prune 8' BOC, 25 LF
53. No comment

54. Recommend removal due to impacts
55. Root prune 8' BOC, 20 LF
56. No comment.
57. No comment.
58. No comment.
59. No comment.
60. Root prune 8' BOC, 25 LF
61. Recommend removal due to impacts
62. Recommend removal due to impacts
63. Root prune 2' BOC, 15 LF
64. Root prune 2' BOC, 15 LF
65. Root prune 8' BOC, 15 LF
66. Root prune 8' BOC, 15 LF
67. No comment.
68. No comment.
69. Root prune 8' BOC, 10 LF
70. No comment.
71. Recommend removal due to impacts
72. Remove for public safety as trunk is 9' above street, also due to impacts
73. Recommend removal, poor structure, and basal codominant
74. Use trench box, root prune behind curve, 12 LF

75. Recommend removal due to impacts
76. No comment.
77. No comment.
78. No comment.
79. Recommend removal due to impacts
80. No comment.
81. Root prune BOC, 15 LF
82. No comment.
83. No comment.
84. Root prune BOC, 25 LF
85. No comment
86. Root prune 6' BOC, 15 LF
87. Recommend removal due to impacts
88. Recommend removal due to impacts
89. Recommend removal due to impacts
90. Recommend removal due to impacts
91. Recommend removal due to impacts
92. Directional drill or Root prune 3' BOC, 20 LF
93. Root prune 10' BOC, 25 LF
94. Recommend removal due to impacts
95. Recommend removal due to impacts

96. Root prune 6' BOC, 10 LF (behind two adjacent trees recommended for removal)
97. Recommend removal due to impacts (tree is in decline)
98. Root prune 5' BOC, 25 LF
99. No comment.
100. Root prune 6' BOC, 25 LF
101. Root prune 4' BOC, 30 LF (tree is stressed and needs attention)
102. Root prune 7' BOC, 15 LF
103. Root prune 4' BOC, 20 LF
104. Root prune 4' BOC, 15 LF
105. Root prune 4' BOC, 15 LF
106. Root prune 6' BOC, 25 LF
107. Root prune 6' BOC, 15 LF
108. Curb is being removed, hand prune encountered roots
109. Curb is being removed, hand prune encountered roots
110. Root prune 2' Back of new curb 15 LF
111. Root prune 2' Back of new curb 15 LF
112. No comment
113. Root prune 7' BOC, 40 LF, Deeply included codominant trunk, recommend reducing southern codominant
114. Root prune 4' BOC, 30 LF
115. Root prune 5' BOC, 40 LF (south from driveway)
116. Root prune 6' BOC, 10 LF

117. Root prune 4' BOC, 10 LF
118. Abandon 42" RCP in place, remove existing curb with small equipment
119. Recommend removal due to impacts and overhead wires
120. Recommend removal due to impacts and overhead wires
121. Abandon 42" RCP in place
122. Abandon 42" RCP in place
123. Hand prune encountered roots at curb inlet
124. No comment
125. Recommend removal due to construction impacts
126. Root prune 5' BOC, 25 LF
127. Root prune 4' BOC, 25 LF
128. Recommend removal due to topping
129. No comment
130. Recommend removal due to topping
131. Root prune 5' BOC, 15 LF
132. Recommend removal due to construction impacts
133. Hand prune encountered roots while replacing curb
134. Hand prune encountered roots while replacing curb
135. Hand prune encountered roots while replacing curb (if possible bubble out curb)
136. Hand prune encountered roots
137. Hand prune encountered roots

138. Hand prune encountered roots
139. Hand prune encountered roots
140. Root prune BOC, 35 LF
141. Root prune 7' BOC, 20 LF
142. Hand prune encountered roots
143. Hand prune encountered roots
144. Recommend relocating curb inlet to Tacon Street to eliminate curb bypass at Grand Tree.
145. Hand prune encountered roots
146. Hand prune encountered roots
147. Hand prune encountered roots
148. Hand prune encountered roots
149. Hand prune encountered roots
150. Hand prune encountered roots
151. Hand prune encountered roots
152. Hand prune encountered roots
153. Hand prune encountered roots
154. Remove this tree unless existing 18" RCP is abandoned in place
155. Abandon existing 18" RCP in place
156. Abandon existing 18" RCP in place

SRING LAKE – GRAND TREES

CIRCUMFERENCE + HEIGHT + (AVERAGE SPREAD/4) = TOTAL POINTS

#	NAME	DBH	CIR	HEIGHT	C + H TOTAL	SPREAD N - S	SPREAD E - W	S1 + S2 SPREAD TOTAL	TOTAL/4	TOTAL POINTS	GRAND Y/N
6	SLASH PINE	39	123	54	177	60	59	119	29.75	206.75	Y
18	LAUREL OAK	37	116	74	190	78	73	151	37.75	227.75	Y
19	LIVE OAK	48	151	44	195	50	81	131	32.75	227.75	Y
23	CAMPHOR	55	173	35	208	52	56	108	27	235	Y
27	LAUREL OAK	48	151	56	207	82	70	152	38	245	Y
30	LAUREL OAK	48	151	43	194	57	66	123	30.75	224.75	Y
31	LAUREL OAK	38	119	48	167	58	56	114	28.5	195.5	y- 45%
33	LIVE OAK	34	107	51	158	67	82	149	37.25	195.25	Y
38	LIVE OAK	37	117	47	164	69	78	147	36.75	200.75	Y
97	LAUREL OAK	41	129	42	171	56	46	102	25.5	196.5	N - 35%
10 1	LAUREL OAK	39	123	46	169	56	55	111	27.75	196.75	N- 40%
10 6	LAUREL OAK	36	113	43	156	47	62	109	27.25	183.25	N- 20%

107	LIVE OAK	35	110	43	153	61	78	139	34.75	187.75	Y
108	LAUREL OAK	49	154	46	200	84	78	162	40.5	240.5	Y
109	LIVE OAK	46	144	45	189	78	81	159	39.75	228.75	Y
113	SLASH PINE	37	117	48	165	52	60	112	28	193	Y
114	LAUREL OAK	45	49	141	190	69	67	136	34	224	Y
115	LIVE OAK	49	154	46	200	91	88	179	44.75	244.75	Y
118	LIVE OAK	36	113	49	162	70	76	146	36.5	198.5	Y
128	LAUREL OAK	38	119	27	146	39	33	72	18	164	N-30%
140	LAUREL OAK	40	126	47	173	78	62	140	35	208	N-25%
144	LAUREL OAK	46	144	43	187	67	79	146	36.5	223.5	Y

