

ARBORIST'S GENERAL SUMMARY EXISTING TREE INVENTORY

Project:

South Trask Street Project

Location:

**East and West of South Trask Street, North of West McCoy Street,
City of Tampa, Florida**

Prepared for:

The Richman Group of Florida, Inc.

477 South Rosemary Avenue

Suite 301

West Palm Beach, FL 33401

(561) 832-1114

Prepared by:

Patrick Roberson, RLA, ISA

Roberson Resource Group, LLC

3152 Little Rd., No. 125, Trinity, FL 34655

International Society of Arboriculture

Certified Arborist # FL-1051A

July 5, 2017

General Statement

The following is a summary of the site visit that was conducted on June 28th, 2017, by Patrick Roberson, RLA, ISA, of Roberson Resource Group, LLC. The purpose of this site visit was to review the existing trees on site and determine general condition and assess the potential of Grand Tree Status. This summary was prepared using only highly visible signs and indicators of the general condition for the trees. The general observations of this summary are valid for one year, unless events such as severe weather, lightning, drought, construction, poor maintenance or other man-made impacts occur on site. At the time of any of these occurrences, the site should be re-inspected by a Certified Arborist to determine the impacts to the overall condition of the existing trees.

The existing tree locations and sizes (DBH – Diameter at Breast Height) are based on the Site Survey conducted by Hamilton Engineering and Surveying, Inc.

The General Condition Summary ratings were based on several factors such as overall vigor, canopy density, amount of deadwood, structural defects, pest and extent of decay. Major structural defects, deadwood and the extent of decay / presences of cavities were utilized as the primary factors in the condition rating, with canopy density and pest as secondary indicators. The General Condition Summary for the existing trees is following the Existing Tree Inventory, Exhibit A.



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GROUP**

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Plans Prepared for:

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Project Title

**South Trask Street Project
Existing Tree Inventory**

City of Tampa,
Florida

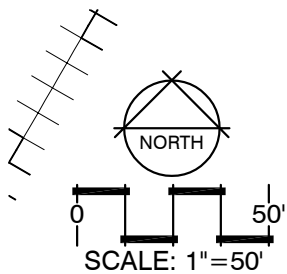
Project No.
17-018

Date
07/03/17

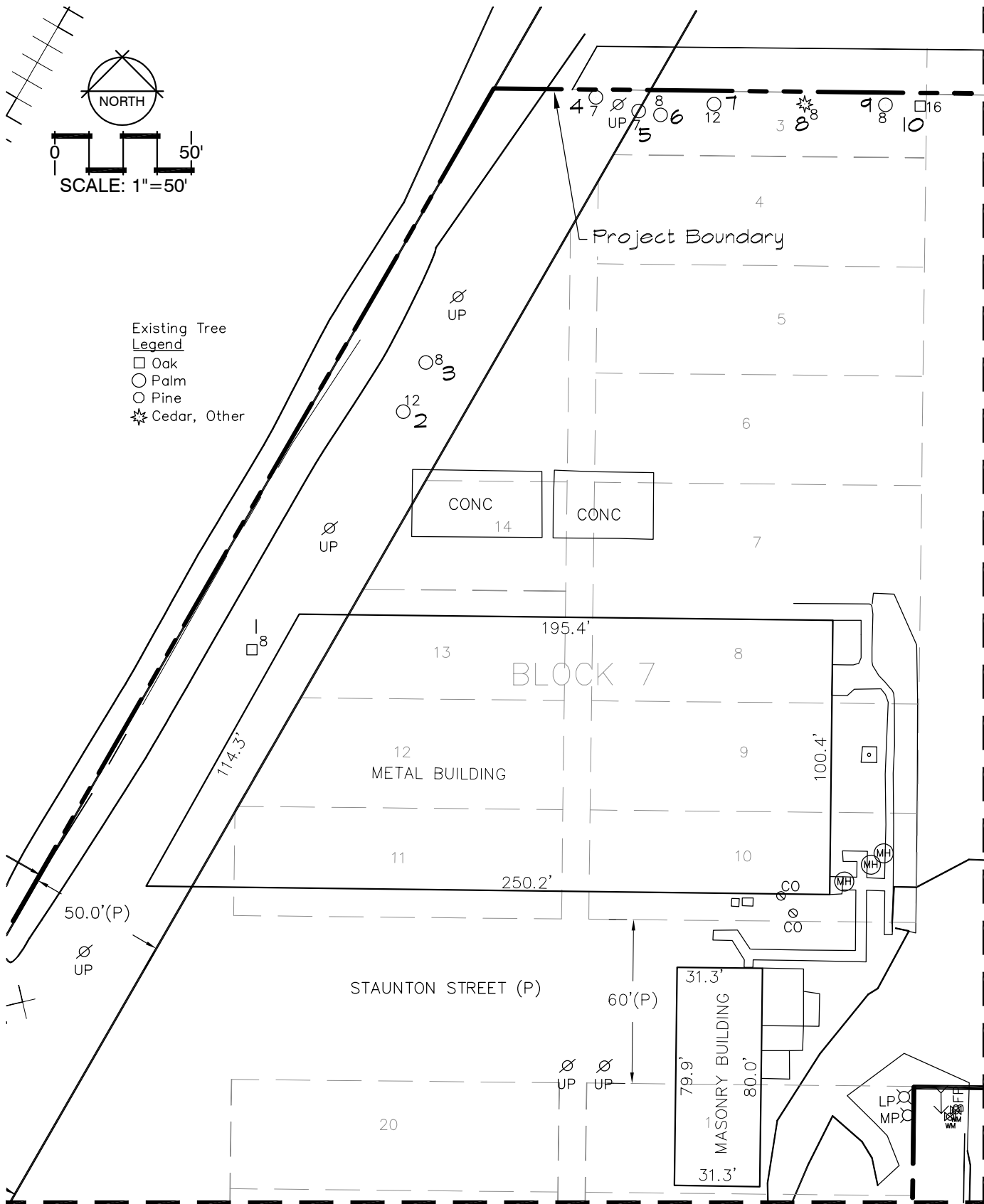
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Aerial





- Existing Tree
Legend
 □ Oak
 ○ Palm
 ○ Pine
 * Cedar, Other



Match Line Page 2

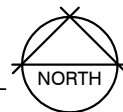
Match Line Page 3

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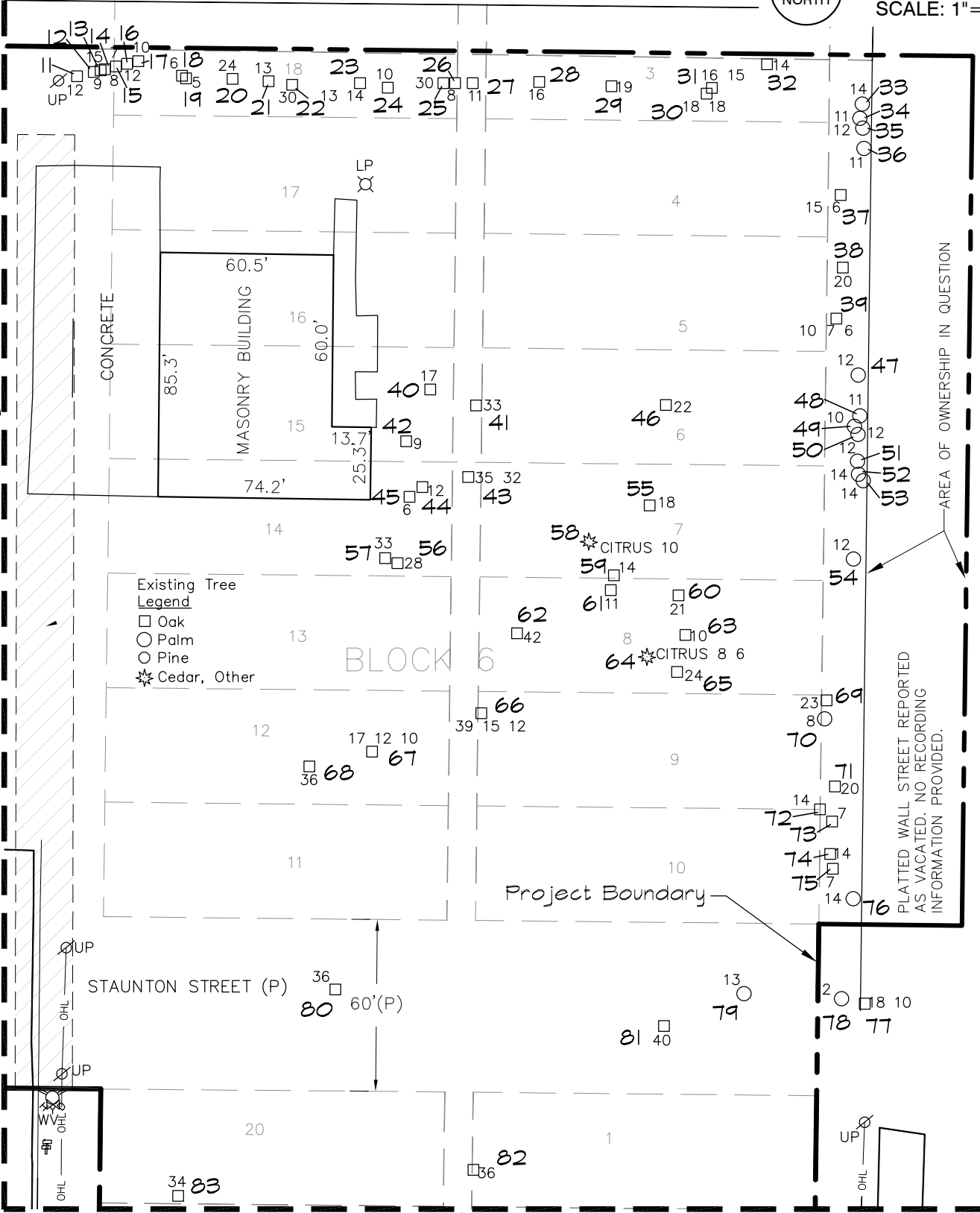
Project Title
**South Trask Street Project
 Existing Tree Inventory**
 City of Tampa,
 Florida

Project No. 17-018
 Date 07/03/17
 Sheet
**Exhibit A
 Page 1**



SCALE: 1"=50'

Match Line Page 1



- Existing Tree Legend
- Oak
 - Palm
 - Pine
 - ★ Cedar, Other

BLOCK 6

STAUNTON STREET (P)

Match Line Page 4



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South Trask Street Project Existing Tree Inventory

City of Tampa, Florida

Project No. 17-018

Date 07/03/17

Sheet

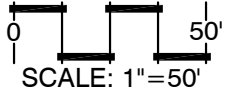
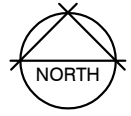
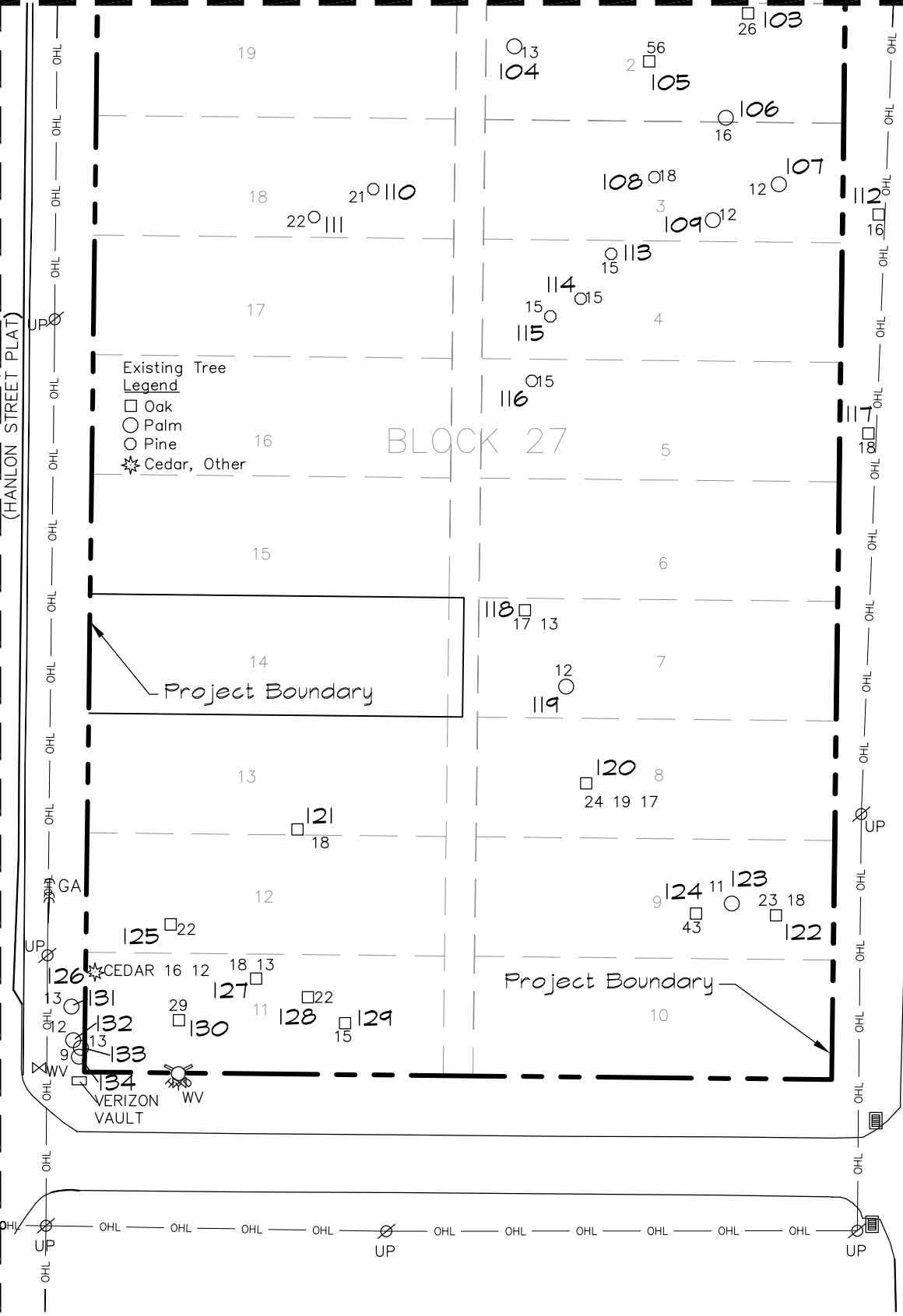
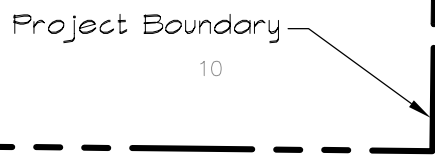
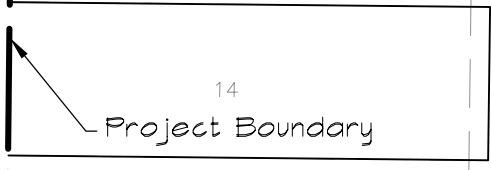
Exhibit A Page 2

Match Line Page 3
(HANLON STREET PLAT)

WALL STREET

- Existing Tree
Legend
- Oak
 - Palm
 - Pine
 - ★ Cedar, Other

BLOCK 27



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Existing Tree Inventory**

City of Tampa,
Florida

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**Exhibit A
Page 4**

Site Summary

The site is an approximately 10.11+/- acre site with an industrial character and urban location. The site has several existing industrial / warehouse type structures with associated pavement, primarily on the northern area of the site. The western side of the site consisted primarily of an open field with the buildings to the north. The eastern side of the side of the site was wooded with medium tree coverage.

The site primarily contained Live Oak (*Quercus virginiana*), Laurel Oak (*Quercus laurifolia*), Sabal Palms (*Sabal palmetto*) and a few other tree species such as Slash Pine (*Pinus elliottii*) and Southern Red Cedar (*Juniperus silicicola*). There were fifteen (15) larger Oak trees that were reviewed for Grand Tree Characteristics, per the requirements of the City of Tampa Code, Section 13-6. There were thirteen (13) Live Oak trees (Tree #'s 41, 43, 57, 62, 66, 67, 68, 80, 82, 105, 120, 122, 124) and two (2) Laurel Oak trees (Tree #'s 81, 83) were evaluated based on the criteria. Tree numbers 41, 57 and 83 and were found not to meet the minimum point requirements. Also, several trees that meet the point criteria are considered as being in Poor or Poor-Fair Condition due to structural or other current defects. The Poor Condition rated trees are numbers 43, 83 and 124. Trees numbered 67 and 68 are rated as Fair-Poor Condition. See Grand Tree Assessment following the General Condition Summary.

General Condition Ratings

The General Condition Rating for the existing trees is based on the following:

General condition determinations based on the following:						
Highly Visible Factors Considered						
General Condition	Overall vigor	Canopy density	Amount of deadwood	Structural Defects of trunk, scaffold branches	Pests	Extents of decay
Decline / Dead	Severe Decline	<20%	Large: Major scaffold branches	Evidence of failure	Infested	Major - conks and cavities
Poor	Declining	20-60%	Twig and branch dieback	Major	Infestation of significant pests	One to a few conks: small cavities
Fair	Low	60-80%	Small twigs	Some	Minor	Present at pruning wounds
Good	Good	80-100%	Little or none	Minor	Minor	Present at pruning wounds
Excellent	Excellent	100%	None	None	None or Insignificant	Absent
BASED ON "TREES AND DEVELOPMENT", MATHENY CLARK, 1998						

Existing Tree General Condition Summary

#	Tree Type	Genus/ Species	Diameter Breast Height (inches)	General Condition	Comments
1	Laurel Oak	Quercus laurifolia	8	Poor	Chainlink fence growing into tree trunk
2	Queen Palm	Syagrus romanzoffiana	12	Good	Future impact to canopy from overhead utility
3	Queen Palm	Syagrus romanzoffiana	8	Dead	
4	Queen Palm	Syagrus romanzoffiana	7	Good	Future impact to canopy from overhead utility
5	Queen Palm	Syagrus romanzoffiana	7	Good	Future impact to canopy from overhead utility
6	Queen Palm	Syagrus romanzoffiana	8	Good	Future impact to canopy from overhead utility
7	Queen Palm	Syagrus romanzoffiana	12	Fair	Future impact to canopy from overhead utility
8	Woman's Tongue	Albizia lebbeck	8	Exotic	
9	Queen Palm	Syagrus romanzoffiana	8	Poor	Structure, lean, co-dominant canopy with oak
10	Live Oak	Quercus virginiana	28	Poor	Major vine in 1/2 of canopy, structure, branch dieback, OHE impact
11	Laurel Oak	Quercus laurifolia	12	Poor	Structure, Co-dom canopy, OHE impact to canopy
12	Laurel Oak	Quercus laurifolia	9	Poor	Structure, Co-dom canopy, OHE impact to canopy
13	Laurel Oak	Quercus laurifolia	15	Poor	Structure, Co-dom canopy, OHE impact to canopy
14	Laurel Oak	Quercus laurifolia	8	Poor	Structure, Co-dom canopy, OHE impact to canopy
15	Laurel Oak	Quercus laurifolia	7	Poor	Structure, Co-dom canopy, OHE impact to canopy
16	Live Oak	Quercus virginiana	12	Poor	Structure, severe lean (90 degrees) of main trunk
17	Laurel Oak	Quercus laurifolia	10	Poor	Structure, Co-dom canopy, OHE impact to canopy
18	Laurel Oak	Quercus laurifolia	6	Poor	Structure, Co-dom canopy, OHE impact to canopy
19	Laurel Oak	Quercus laurifolia	5	Poor	Structure, Co-dom canopy, OHE impact to canopy
20	Laurel Oak	Quercus laurifolia	24	Poor	Decay, root issues, structures, dieback in canopy
21	Laurel Oak	Quercus laurifolia	13	Good	Co-dominant canopy
22	Laurel Oak	Quercus laurifolia	30	Fair	Dieback of branches at main trunk, structure, decay
23	Laurel Oak	Quercus laurifolia	13, 14	Poor	Included bark, deadwood central to trunk, decay
24	Laurel Oak	Quercus laurifolia	10	Poor	Limited canopy, decay at branch collars, structure
25	Laurel Oak	Quercus laurifolia	30	Poor	Structure, branch tip dieback
26	Laurel Oak	Quercus laurifolia	8	Poor	Limited canopy
27	Laurel Oak	Quercus laurifolia	11	Fair	Structure, lean, co-dominant canopy, branch dieback
28	Laurel Oak	Quercus laurifolia	16	Good	Some branch dieback
29	Laurel Oak	Quercus laurifolia	19	Good-Fair	Structure, some branch/twig dieback
30	Live Oak	Quercus virginiana	18,18	Fair-Poor	Included bark of main trunk, epicormic growth
31	Live Oak	Quercus virginiana	16,15	Fair-Poor	Included bark of main trunk, epicormic growth

#	Tree Type	Genus/ Species	Diameter Breast Height (inches)	General Condition	Comments
32	Live Oak	Quercus virginiana	14	Good-Fair	Fence impact to trunk, limited canopy - 60%
33	Sabal Palm	Sabal palmetto	14	Good	
34	Sabal Palm	Sabal palmetto	11	Good	
35	Sabal Palm	Sabal palmetto	12	Good	
36	Sabal Palm	Sabal palmetto	11	Good	
37	Live Oak	Quercus virginiana	15, 6	Good-Fair	Included bark at trunk base, some vines in canopy
38	Live Oak	Quercus virginiana	20	Good-Fair	Co-dominant canopy, structure, vines in canopy
39	Live Oak	Quercus virginiana	10, 7, 6	Fair	Included bark of main trunk at low connection point
40	Laurel Oak	Quercus laurifolia	17	Fair	Co-dominate canopy
41	Live Oak	Quercus virginiana	33	Good	Some branch dieback, co-dominant canopy
42	Live Oak	Quercus virginiana	9	Poor	Structure
43	Live Oak	Quercus virginiana	35, 32	Poor	See Grand Tree Assessment
44	Live Oak	Quercus virginiana	12	Good	Structure, lean
45	Laurel Oak	Quercus laurifolia	6	Poor	Structure
46	Live Oak	Quercus virginiana	22	Fair-Poor	Included main trunk, lean
47	Sabal Palm	Sabal palmetto	12	Good	Co-dominate canopy
48	Sabal Palm	Sabal palmetto	11	Good	Co-dominate canopy
49	Sabal Palm	Sabal palmetto	10	Good	Co-dominate canopy
50	Sabal Palm	Sabal palmetto	12	Good	Co-dominate canopy
51	Sabal Palm	Sabal palmetto	12	Good	Co-dominate canopy
52	Sabal Palm	Sabal palmetto	14	Good	Co-dominate canopy
53	Sabal Palm	Sabal palmetto	14	Good	Co-dominate canopy
54	Sabal Palm	Sabal palmetto	12	Good	
55	Live Oak	Quercus virginiana	18	Good-Fair	Some branch dieback
56	Live Oak	Quercus virginiana	28	Fair	Structure, dieback, lean, co-dom canopy
57	Live Oak	Quercus virginiana	33	Good-Fair	Vines, dieback of branches in upper canopy, epicormic growth
58	Citrus	Citrus spp.	10	Exotic	
59	Laurel Oak	Quercus laurifolia	14	Fair	Some branch dieback, co-dominant canopy
60	Live Oak	Quercus virginiana	21	Fair	Limited canopy, dieback
61	Laurel Oak	Quercus laurifolia	11	Fair	Some branch dieback, co-dominant canopy
62	Live Oak	Quercus virginiana	42	Good	See Grand Tree Assessment
63	Laurel Oak	Quercus laurifolia	10	Good	Some branch dieback
64	Citrus	Citrus spp.	8, 6	Exotic	
65	Live Oak	Quercus virginiana	24	Fair	Structure, lean, co-dom canopy, included bark at trunk
66	Live Oak	Quercus virginiana	36	Good	See Grand Tree Assessment
67	Live Oak	Quercus virginiana	17, 12, 10	Fair-Poor	See Grand Tree Assessment
68	Live Oak	Quercus virginiana	39, 15, 12	Fair-Poor	See Grand Tree Assessment
69	Live Oak	Quercus virginiana	23	Good-Fair	Branch dieback at trunk
70	Sabal Palm	Sabal palmetto	8	Fair	Lean, co-dominant canopy
71	Laurel Oak	Quercus laurifolia	10	Good	Co-dominant canopy
72	Laurel Oak	Quercus laurifolia	14	Good	Co-dominant canopy
73	Laurel Oak	Quercus laurifolia	7	Fair-Poor	Limited canopy, co-dom canopy
74	Laurel Oak	Quercus laurifolia	14	Fair	Structure, vine covered
75	Laurel Oak	Quercus laurifolia	7	Decline	Dieback of branches, vine covered
76	Sabal Palm	Sabal palmetto	14	Fair	Co-dominant canopy, fence impact
77	Live Oak	Quercus virginiana	18, 10	Fair	Structure, fence impact
78	Sabal Palm	Sabal palmetto	12	Fair	Co-dominant canopy, fence impact
79	Sabal Palm	Sabal palmetto	13	Fair	Co-dominant canopy, fence impact

#	Tree Type	Genus/ Species	Diameter Breast Height (inches)	General Condition	Comments
80	Live Oak	Quercus virginiana	36	Good	See Grand Tree Assessment
81	Laurel Oak	Quercus laurifolia	40	Good-Fair	See Grand Tree Assessment
82	Live Oak	Quercus virginiana	36	Good	See Grand Tree Assessment
83	Laurel Oak	Quercus laurifolia	34	Poor	Structure, decay branch collars, epicormics, branch & twig dieback
84	S. Red Cedar	Juniperus silicicola	8	Good	
85	S. Red Cedar	Juniperus silicicola	5, 7, 7, 8	Good	
86	S. Red Cedar	Juniperus silicicola	8, 10	Good	
87	S. Red Cedar	Juniperus silicicola	13	Good	
88	S. Red Cedar	Juniperus silicicola	8	Fair	Co-dominant canopy, Laurel Oak impact
89	Laurel Oak	Quercus laurifolia	6	Fair	Co-dominant canopy, Red Cedar impact
90	S. Red Cedar	Juniperus silicicola	7, 7, 6, 5	Good	
91	S. Red Cedar	Juniperus silicicola	9	Good	
92	Laurel Oak	Quercus laurifolia	9	Fair	Co-dominant canopy, Red Cedar impact
93	S. Red Cedar	Juniperus silicicola	5, 6, 8, 8	Fair	Co-dominant canopy, Laurel Oak impact
94	S. Red Cedar	Juniperus silicicola	13	Good	
95	S. Red Cedar	Juniperus silicicola	6	Fair	Overhead utility impact to canopy
96	S. Red Cedar	Juniperus silicicola	5, 7	Good	
97	Laurel Oak	Quercus laurifolia	5	Fair	Co-dominant canopy, Red Cedar impact
98	S. Red Cedar	Juniperus silicicola	14	Fair	Co-dominant canopy, Laurel Oak impact
99	S. Red Cedar	Juniperus silicicola	14	Good	
100	S. Red Cedar	Juniperus silicicola	13	Good	
101	S. Red Cedar	Juniperus silicicola	9, 18	Good	
102	S. Red Cedar	Juniperus silicicola	13	Fair	Overhead utility impact to canopy
103	Laurel Oak	Quercus laurifolia	26	Fair	Structure, decay at branch collars
104	Sabal Palm	Sabal palmetto	13	Good	
105	Live Oak	Quercus virginiana	56	Good	See Grand Tree Assessment
106	Sabal Palm	Sabal palmetto	16	Good	
107	Sabal Palm	Sabal palmetto	12	Good	
108	Slash Pine	Pinus elliotii	18	Good	
109	Sabal Palm	Sabal palmetto	12	Good	
110	Slash Pine	Pinus elliotii	21	Good	
111	Slash Pine	Pinus elliotii	22	Good	
112	Camphor	Cinnamomum camphora	16	Exotic	
113	Slash Pine	Pinus elliotii	15	Good	
114	Slash Pine	Pinus elliotii	15	Good	
115	Slash Pine	Pinus elliotii	15	Good	
116	Slash Pine	Pinus elliotii	15	Good	
117	Laurel Oak	Quercus laurifolia	18	Decline	Mistletoe in canopy, vines, OHE canopy impacts, structure
118	Live Oak	Quercus virginiana	17, 13	Good	Brazilian Pepper impact
119	Sabal Palm	Sabal palmetto	12	Good	
120	Live Oak	Quercus virginiana	24, 19, 17	Good-Fair	See Grand Tree Assessment
121	Laurel Oak	Quercus laurifolia	18	Fair	Structure issues, twig dieback
122	Live Oak	Quercus virginiana	23, 18	Good-Fair	See Grand Tree Assessment
123	Sabal Palm	Sabal palmetto	11	Good	Co-dominant canopy
124	Live Oak	Quercus virginiana	43	Poor	See Grand Tree Assessment
125	Live Oak	Quercus virginiana	22	Good	Structure, twig dieback
126	S. Red Cedar	Juniperus silicicola	16, 12	Fair	Dead twigs/lower branches, limited canopy coverage
127	Laurel Oak	Quercus laurifolia	18, 13	Poor	Structure, insect/wood pecker damage, decay
128	Live Oak	Quercus virginiana	22	Good-Fair	Lean, structure, some branch deadwood
129	Laurel Oak	Quercus laurifolia	15	Fair	Structure, tip dieback, some branch deadwood
130	Live Oak	Quercus virginiana	29	Fair	Decay at trunk, dieback of mid & upper canopy, structure

#	Tree Type	Genus/ Species	Diameter Breast Height (inches)	General Condition	Comments
131	Sabal Palm	Sabal palmetto	13	Good	Co-dominant canopy, OHE canopy impact
132	Sabal Palm	Sabal palmetto	12	Good	Co-dominant canopy, OHE canopy impact
133	Sabal Palm	Sabal palmetto	13	Good	Co-dominant canopy, OHE canopy impact
134	Sabal Palm	Sabal palmetto	9	Good	Co-dominant canopy, OHE canopy impact

Grand Tree Calculations

The following are the City of Tampa evaluation criteria for Grand Trees. As previously discussed, there were fifteen trees that were evaluated for Grand Tree status. Twelve (12) of those trees met the point criteria for Grand Trees, with two (2) being in poor condition and two (2) others in Fair-Poor condition. The remaining eight (8) trees were in Good to Good-Fair condition. Their evaluations follow the evaluation criteria description.

Sec. 13-6. - Characteristics of protected trees and grand trees.

(b) *Grand trees.* Grand trees have the characteristics set forth in Schedule A.

Schedule A

Species and Minimum Points

Species	Minimum Points
Camphor (Cinnamomum camphora)	200
Cypress (Taxodium spp.)	200
Elm (Ulmus spp.)	200
Hickory/Pecan (Carya spp.)	200
Holly (Ilex spp.)	125
Magnolia (Magnolia spp.)	175

Maple (Acer spp.)	175
Oak (Quercus spp.)	175
Pine (Pinus spp.)	175
Red Cedar (Juniperus spp.)	200
Sweet Gum (Liquidambar styraciflua)	200
Sycamore (Platanus occidentalis)	200

Schedule B

Point System

Measurements	Points
Trunk circumference to nearest inch (measured at four and one-half (4½) feet above grade)	One (1) per inch
Height to nearest foot (measured vertically from a point level with the base to the highest twig)	One (1) per foot
Average crown spread to nearest foot (measure and add longest and shortest diameters of limb spread and divide total by two (2) for average)	One (1) per four (4) feet

Grand Tree Assessment - City of Tampa

South Trask Street Site

Site Visit 6/28/2017

By PDR

General Notes:

Calculations based on field assessment of trees within the project boundary by ISA Certified Arborist, Patrick Roberson, ISA, RLA.

General observations were based on highly visible signs and symptoms presented, detailed analysis of tree health was not performed at this time.

Caliper and Circumference measurements taken by caliper tape measure.

Height was measured by using a Haglof EC II Height & Inclinator.

Canopy spread was measured using a 200' fiberglass tape reel.

See plan sheet for tree number locations. Remaining trees on site not calculated were generally found to be smaller in size, less than 34" DBH, as compared to the trees calculated or had highly visible structural or health defects.

Tree #	Species	DBH Tree Survey		33	
41	Live Oak / Quercus virginana	DBH Measured		29	
Trunk Circumference	91.06	Inches	Points	91.06	
Height	59	Feet		59	
Average Crown Spread	60.5	Feet		15.125	
58 x 63					
Required Grand Tree Points	175	Total Points		165.185	
				Grand Tree	No
Comments					
Good condition, co-dominant canopy					

Tree #	Species	DBH Tree Survey		35, 32	
43	Live Oak / Quercus virginana	DBH Measured		67	
Trunk Circumference	210.38	Inches	Points	210.38	
Height	59	Feet		59	
Average Crown Spread	64	Feet		16	
51 x 77					
Required Grand Tree Points	175	Total Points		285.38	
				Grand Tree	Yes
Comments					
Poor condition, deadwood, fungi, co-dominant canopy, bark loss along main trunk, epicormic growth on lower branches and canopy, exposed roots at base					

Tree #	Species	DBH Tree Survey		33	
57	Live Oak / Quercus virginana	DBH Measured		34	
Trunk Circumference	106.76	Inches	Points	106.76	
Height	53.3	Feet		53.3	
Average Crown Spread	47	Feet		11.75	
56 x 38					
Required Grand Tree Points	175	Total Points		171.81	
				Grand Tree	No
Comments					
Good-Fair condition, some vines, dieback/dead wood of branches in upper canopy, epicormic growth					

Tree #	Species	DBH Tree Survey		42
62	Live Oak / Quercus virginana	DBH Measured		43
Trunk Circumference	135.02	Inches	Points	135.02
Height	75	Feet		75
Average Crown Spread	64.5	Feet		16.125
65 x 64				
Required Grand Tree Points	175	Total Points		226.145
		Grand Tree		Yes
Comments				
Good condition, some dead branches low and mid canopy, canopy coverage 70%-80%				

Tree #	Species	DBH Tree Survey		36
66	Live Oak / Quercus virginana	DBH Measured		38
Trunk Circumference	119.32	Inches	Points	119.32
Height	55.6	Feet		55.6
Average Crown Spread	58.5	Feet		14.625
54 x 63				
Required Grand Tree Points	175	Total Points		189.545
		Grand Tree		Yes
Comments				
Good condition, deadwood, canopy coverage 70%, fungi/conch on branch in upper canopy				

Tree #	Species	DBH Tree Survey		17, 12, 10
67	Live Oak / Quercus virginana	DBH Measured		39
Trunk Circumference	122.46	Inches	Points	122.46
Height	55	Feet		55
Average Crown Spread	45.5	Feet		11.375
58 x 33				
Required Grand Tree Points	175	Total Points		188.835
		Grand Tree		Yes
Comments				
Fair-Poor condition, exposed roots, included bark at base of main trunk, dead wood, structural issues				

Tree #	Species	DBH Tree Survey		39, 15, 12
68	Live Oak / Quercus virginana	DBH Measured		66
Trunk Circumference	207.24	Inches	Points	207.24
Height	50	Feet		50
Average Crown Spread	65	Feet		16.25
75 x 55				
Required Grand Tree Points	175	Total Points		273.49
		Grand Tree		Yes
Comments				
Fair-Poor condition, some dead branches central to trunk, structural issues, included trunks, epicormic growth in lower & mid canopy				

Tree #	Species	DBH Tree Survey		36	
80	Live Oak / Quercus virginana	DBH Measured		38	
Trunk Circumference	119.32	Inches	Points	119.32	
Height	49.4	Feet		49.4	
Average Crown Spread	65.5	Feet		16.375	
68 x 63					
Required Grand Tree Points	175	Total Points		185.095	
				Grand Tree	Yes
Comments					
Good condition, some epicormic growth, some dieback, branch tip dieback in upper canopy					

Tree #	Species	DBH Tree Survey		40	
81	Laurel Oak / Quercus laurifolia	DBH Measured		40	
Trunk Circumference	125.6	Inches	Points	125.6	
Height	49.3	Feet		49.3	
Average Crown Spread	51.5	Feet		12.875	
57 x 46					
Required Grand Tree Points	175	Total Points		187.775	
				Grand Tree	Yes
Comments					
Fair-Good condition, structure issues, branch & twig dieback in canopy					

Tree #	Species	DBH Tree Survey		36	
82	Live Oak / Quercus virginana	DBH Measured		36	
Trunk Circumference	113.04	Inches	Points	113.04	
Height	48.5	Feet		48.5	
Average Crown Spread	55	Feet		13.75	
51 x 59					
Required Grand Tree Points	175	Total Points		175.29	
				Grand Tree	Yes
Comments					
Good condition, some branch & twig dieback, structural issues, fungi/conch on branch in mid-canopy					

Tree #	Species	DBH Tree Survey		34	
83	Laurel Oak / Quercus laurifolia	DBH Measured		34	
Trunk Circumference	106.76	Inches	Points	106.76	
Height	44.9	Feet		44.9	
Average Crown Spread	56	Feet		14	
56 x 56					
Required Grand Tree Points	175	Total Points		165.66	
				Grand Tree	No
Comments					
Poor condition, structural issues, rot at branch collars, deadwood, epicormic growth, branch & twig dieback in canopy					

Tree #	Species	DBH Tree Survey		56
105	Live Oak / Quercus virginana	DBH Measured		56
Trunk Circumference	175.84	Inches	Points	175.84
Height	62.2	Feet		62.2
Average Crown Spread	66	Feet		16.5
66 x 66				
Required Grand Tree Points	175	Total Points		254.54
		Grand Tree		Yes
Comments				
Good condition, some included bark at main trunk, multi-secondary trunks, some deadwood in mid to upper canopy				

Tree #	Species	DBH Tree Survey		24, 19, 17
120	Live Oak / Quercus virginana	DBH Measured		60
Trunk Circumference	188.4	Inches	Points	188.4
Height	46.7	Feet		46.7
Average Crown Spread	58	Feet		14.5
56 x 60				
Required Grand Tree Points	175	Total Points		249.6
		Grand Tree		Yes
Comments				
Good-fair condition, included bark for two of three trunks, epicormic growth on lower branches, some dieback of twigs				

Tree #	Species	DBH Tree Survey		23, 18
122	Live Oak / Quercus virginana	DBH Measured		41
Trunk Circumference	128.74	Inches	Points	128.74
Height	50.1	Feet		50.1
Average Crown Spread	55	Feet		13.75
47 x 63				
Required Grand Tree Points	175	Total Points		192.59
		Grand Tree		Yes
Comments				
Good-fair condition, minor fire damage trunk & lower branches of one section				

Tree #	Species	DBH Tree Survey		43
124	Live Oak / Quercus virginana	DBH Measured		43
Trunk Circumference	135.02	Inches	Points	135.02
Height	47.3	Feet		47.3
Average Crown Spread	61	Feet		15.25
47 x 75				
Required Grand Tree Points	175	Total Points		197.57
		Grand Tree		Yes
Comments				
Poor condition, included bark of major trunk, major deadwood lower, mid and upper canopy, structural issues				

Joe Samnik
Expert Tree Consultant, LLC
1499 19th Street
Palm Harbor, Florida
727-786-8128 Telephone

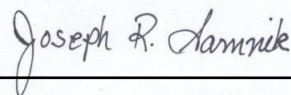
REPORT OF FINDINGS

SOUTH TRASK PROJECT

ATTENTION:

ADAM D. MAIT, VICE PRESIDENT

ADLER DEVELOPMENT
3150 SW 38TH AVE SUITE 530
MIAMI, FLORIDA 33146



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

January 31, 2018

SOUTH TRASK PROJECT

ENGAGEMENT:

As you requested of me on January 26, 2018, I have completed my assignment.

ASSIGNMENT:

My assignment was to:

1. Inventory and inspect larger diameter trees and proposed Grand trees to determine Grand tree status.
2. Representative 35mm photography.
3. Provide a written report.

SUMMARY OPINION:

Please see attached *chart*. The chart shows the six (6) out of a possible twelve (12) Grand Trees.

Representative photography can be found at the end of this report. Additional photos may be found by following this link:

<https://www.dropbox.com/sh/w899mdvrdgiydqa/AAB7BnjbHRjoyDtxBH-iMHgta?dl=0>

A copy of the survey annotated with the tree numbers can be found here:

<https://www.dropbox.com/s/nog1lix9fxngvyx/S%20Trask%20Annotated%20Survey.pdf?dl=0>

DISCUSSION

The twelve (12) potential Grand trees on the subject site consisted of eleven (11) Live oak (*Quercus virginiana*) trees and one (1) Laurel oak (*Quercus laurifolia*) tree. Of these, six (6) trees met the size requirements to be considered for Grand tree status in the City of Tampa. These trees are; tree #3, tree #4, tree #7, tree #10, tree #11, and tree #12. The remaining six (6) trees did not meet the size requirements and, therefore, are not Grand trees. Though tree #3 and tree #4 have met the size requirements, they have significant structural defects known as codominant trunks with included bark. They pose a high risk for failure and in my opinion, should not be considered Grand trees. The City of Tampa will most likely agree with this assessment and downgrade these trees as well. Therefore, there are four (4) trees considered to be Grand oak trees on your property; Tree # 7; #10; #11 and #12.

INVENTORY CHART

#	NAME	DBH	CIR	HGT	C + H TOTAL	SPREAD N - S	SPREAD E - W	S1 + S2/2 SPREAD TOTAL	TOTAL/4	TOTAL POINTS	GRAND Y/N	
1	LIVE OAK	33									N	NOT A GRAND, LOW CROWN DENSITY, HEAVILY PRUNED FOR UTILITIES, MULTIPLE FLUSH CUTS, SOME HEADING CUTS, CODOMINANT WITH INCLUDED BARK 3FT ABOVE GRADE, BARK IS CHARED FROM PREVIOUS FIRE ON NORTHSIDE
2	LIVE OAK	35	110	39	149	89	68	78.5	19.625	168.625	N	NOT A GRAND, CODOMINANT WITH INCLUDED BARK, APPROXIMATELY 4 FT OF INCLUDED BARK, TIPS OF 3 SCAFFOLDING BRANCHES TOUCHING THE GROUND, SMALL LEAVES IN UPPER CANOPY
3	LIVE OAK	42	132	36	168	70	67	68.5	17.125	185.125	Y*	TRI-DOMINANT, ALL TRUNKS INCLUDED, GOOD HEALTH EXACERBATES POOR STRUCTURE
4	LIVE OAK	42	132	47	179	72	74	73	18.25	197.25	Y*	CODOMINANT WITH INCLUDED BARK, AREA OF INCLUSION SOFT WHEN PROBED, POOR STRUCTURE IN SCAFFOLDING BRANCHES AND UPPER CANOPY, MULTIPLY BRANCHES HAVE V SHAPED ATTACHMENTS, SOME WILL BE INCLUDED IN THE FUTURE, HEALTH EXACERBATES POOR STRUCTURE
5	LIVE OAK	38	119	37	156	75	63	69	17.25	173.25	N	NOT GRAND, CODOMINANT 4 TRUNKS, ALL TRUNKS HAVE INCLUDED BARK, ROPE EMBEDDED IN 3 OF THE INCLUSIONS, UPPER CANOPY DIEBACK, ALL TRUNKS GROWING AWAY FROM MAIN TRUNK
6	LAUREL OA	37	116	39	155	68	64	66	16.5	171.5	N	NOT A GRAND, MULTIPLE BRANCHES EMANATING FROM ONE POINT ON TRUNK, APPEARS TO HAVE BEEN CENTER PRUNED IN PAST
7	LIVE OAK	38	119	36	155	78	83	80.5	20.125	175.125	Y	CODOMINANT WITH STRONG U SHAPED ATTACHMENTS, DIEBACK
8	LIVE OAK	38	119	39	158	6	61	33.5	8.375	166.375	N	CODOMINANT WITH INCLUDED BARK, AREA OF INCLUSION SOFT WHEN PROBED, LOW CROWN DENSITY, SMALL LEAVES
9	LIVE OAK	30									N	NOT A GRAND, TRI-DOMINANT, INCLUDED BARK, SMALL LEAVES, DIEBACK, LOW CROWN DENSITY, SURFACE ROOTS WITH WOUNDS FROM PREVIOUS MOWER DAMAGE, ROOTS BEGINNING TO DECAY
10	LIVE OAK	49	154	46	200	65	82	73.5	18.375	218.375	Y	THIS IS 2 TREES TOUCHING AT BASE, LOW CROWN DENSITY, SMALL LEAVES, DIEBACK
11	LIVE OAK	40	126	52	178	63	70	66.5	16.625	194.625	Y	CODOMINANT WITH GOOD ATTACHMENT, SMALL LEAVES, DIEBACK, LOW CROWN DENSITY, GIRDLING ROOT ON EAST SIDE OF TRUNK
12	LIVE OAK	47	148	38	186	59	84	71.5	17.875	203.875	Y	BASAL CODOMINANT WITH GOOD ATTACHMENT, SOME DIEBACK IN CENTER OF CANOPY, LARGE ROOT WOUNDS FROM MOWER DAMAGE
* Trees have major structural defects and should not be considered Grand trees												
RED INDICATES NON-GRAND TREES												
GREEN INDICATES GRAND TREES												

GRAND TREE EVALUATIONS

GRAND TREE EVALUATION	CONDITION
TREE # 1	
LIVE OAK 33" DIAMETER	NOT GRAND
TREE CONDITION EVALUATION	
ROOTS	B
TRUNK	C
LIMB/BRANCH STRUCTURE	B
TWIGS	B
FOLIAGE	B
HAZARD RATINGS	
FAILURE POTENTIAL	3
DEFECT SIZE	3
TARGET	2
Matheny/Clark Formula	8C



GRAND TREE EVALUATION	CONDITION
TREE # 2	
LIVE OAK 35" DIAMETER	NOT GRAND
TREE CONDITION EVALUATION	
ROOTS	B
TRUNK	D
LIMB/BRANCH STRUCTURE	B
TWIGS	B
FOLIAGE	B
HAZARD RATINGS	
FAILURE POTENTIAL	3
DEFECT SIZE	3
TARGET	2
Matheny/Clark Formula	8D



GRAND TREE EVALUATION	CONDITION
TREE # 3	
LIVE OAK 42" DIAMETER	GRAND
TREE CONDITION EVALUATION	
ROOTS	B
TRUNK	D
LIMB/BRANCH STRUCTURE	A
TWIGS	A
FOLIAGE	A
HAZARD RATINGS	
FAILURE POTENTIAL	3
DEFECT SIZE	3
TARGET	1
Matheny/Clark Formula	7D



GRAND TREE EVALUATION	CONDITION
TREE # 4	
LIVE OAK 42" DIAMETER	GRAND
TREE CONDITION EVALUATION	
ROOTS	B
TRUNK	D
LIMB/BRANCH STRUCTURE	C
TWIGS	B
FOLIAGE	A
HAZARD RATINGS	
FAILURE POTENTIAL	3
DEFECT SIZE	4
TARGET	1
Matheny/Clark Formula	8D



GRAND TREE EVALUATION	CONDITION
TREE # 5	
LIVE OAK 38" DIAMETER	NOT GRAND
TREE CONDITION EVALUATION	
ROOTS	B
TRUNK	D
LIMB/BRANCH STRUCTURE	B
TWIGS	B
FOLIAGE	B
HAZARD RATINGS	
FAILURE POTENTIAL	3
DEFECT SIZE	3
TARGET	1
Matheny/Clark Formula	7D



GRAND TREE EVALUATION	CONDITION
TREE # 6	
LAUREL OAK 37" DIAMETER	NOT GRAND
TREE CONDITION EVALUATION	
ROOTS	B
TRUNK	B
LIMB/BRANCH STRUCTURE	C
TWIGS	B
FOLIAGE	B
HAZARD RATINGS	
FAILURE POTENTIAL	2
DEFECT SIZE	2
TARGET	1
Matheny/Clark Formula	5C



GRAND TREE EVALUATION	CONDITION
TREE # 8	
LIVE OAK 38" DIAMETER	NOT GRAND
TREE CONDITION EVALUATION	
ROOTS	B
TRUNK	D
LIMB/BRANCH STRUCTURE	B
TWIGS	B
FOLIAGE	B
HAZARD RATINGS	
FAILURE POTENTIAL	3
DEFECT SIZE	3
TARGET	1
Matheny/Clark Formula	7D



GRAND TREE EVALUATION	CONDITION
TREE # 9	
LIVE OAK 30" DIAMETER	NOT GRAND
TREE CONDITION EVALUATION	
ROOTS	B
TRUNK	D
LIMB/BRANCH STRUCTURE	B
TWIGS	C
FOLIAGE	C
HAZARD RATINGS	
FAILURE POTENTIAL	3
DEFECT SIZE	2
TARGET	1
Matheny/Clark Formula	6D



GRAND TREE EVALUATION	CONDITION
TREE # 7	
LIVE OAK 38" DIAMETER	GRAND
TREE CONDITION EVALUATION	
ROOTS	A
TRUNK	B
LIMB/BRANCH STRUCTURE	A
TWIGS	B
FOLIAGE	B
HAZARD RATINGS	
FAILURE POTENTIAL	1
DEFECT SIZE	1
TARGET	1
Matheny/Clark Formula	3B

GRAND TREE EVALUATION	CONDITION
TREE # 10	
LIVE OAK 49" DIAMETER	GRAND
TREE CONDITION EVALUATION	
ROOTS	A
TRUNK	B
LIMB/BRANCH STRUCTURE	B
TWIGS	B
FOLIAGE	B
HAZARD RATINGS	
FAILURE POTENTIAL	1
DEFECT SIZE	1
TARGET	1
Matheny/Clark Formula	3B

GRAND TREE EVALUATION	CONDITION
TREE # 11	
LIVE OAK 40" DIAMETER	GRAND
TREE CONDITION EVALUATION	
ROOTS	B
TRUNK	B
LIMB/BRANCH STRUCTURE	A
TWIGS	B
FOLIAGE	B
HAZARD RATINGS	
FAILURE POTENTIAL	1
DEFECT SIZE	1
TARGET	1
Matheny/Clark Formula	3B

GRAND TREE EVALUATION	CONDITION
TREE # 12	
LIVE OAK 47" DIAMETER	GRAND
TREE CONDITION EVALUATION	
ROOTS	B
TRUNK	B
LIMB/BRANCH STRUCTURE	B
TWIGS	B
FOLIAGE	B
HAZARD RATINGS	
FAILURE POTENTIAL	1
DEFECT SIZE	2
TARGET	2
Matheny/Clark Formula	5B

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.

Trees of concern were inspected for highly visible and patent signs or symptoms of stress or decline. Problems not apparent upon visual inspection cannot be and were not noted. All trees of concern should be monitored on an annual basis or after a significant or adverse weather event for new or deteriorating conditions. All tree work shall be performed by a Certified Arborist with the International Society of Arboriculture.