



ISA Certified Arborist

Van Hutchinson, ISA Certified Arborist, Inc.

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ISA CERTIFICATION: FL5429A

TREE EVALUATION

CLIENT: Jason Litterick
SITE: 700 Cypress Grove, Pompano Beach, FL
REFERENCE: 20210317CYP
Date: 3/17/21

On February 25, 2020, ISA Certified Arborist, Van Hutchinson, evaluated the trees at 700 Cypress Grove, Pompano Beach, Florida. Eight palms/hardwoods were considered for the evaluation. NOTE that this site has been vacant for many years, and many invasive / exotic trees as listed on the FLEPPC list of Category 1 (Exotic / Invasive / Disruptive of native habitats) exist on this site, with nearly a dozen *Albizia lebbek* (lead tree) scattered around the east and north periphery, plus a large and sprawling *Acacia auriculiforma* (earleaf acacia) and some carrotwood plus a small volunteer *Sabal palmetto* too small to be counted. These invasives are labeled and mapped as X1 through X13.

As an arborist trained and certified by the International Society of Arboriculture (ISA), the company representative is trained and qualified to document tree conditions, health, and value, and present findings to governing bodies / municipalities as a legal document. The dollar valuations are listed on the summary sheet, with detail found in 8 individual sheets for each tree/palm on site.

The summary sheet also lists the GIS coordinates to make it easy to locate each tree.

This evaluation uses the formulae adopted by the City of Pompano Beach last year, based on guidelines from master arborist J. Samnick, included here. We no longer use the formulas given in the *Guide for Plant Appraisal*, but the techniques for measuring and the heuristics used and conventions for noting and qualifying characteristics that are covered in the Guide do provide a framework for determining the condition rating i.e. "diminution factor."

Total canopy area for all: 1335 sq. ft.
Total evaluated dollar value: \$5,970

Signed,

Van Hutchinson

Certified Arborist FL-5429-A

DRC

PZ21-12000003

8/18/2021

DRC

PZ21-12000003

7/7/2021



TREE EVALUATION **700 Cypress Grove, Pompano Beach, FL**

Date: 3/17/2021

Numbering scheme follows numbering on Tree / Landscape Survey

Owner / Agent of Property: Jason Litterick

Location: 700 Cypress Grove, Pompano Beach, FL

Certified Arborist: Van Hutchinson, ISA Certified Arborist, Incorporated - Lic. FL-5429A Tel: 954-515-8077

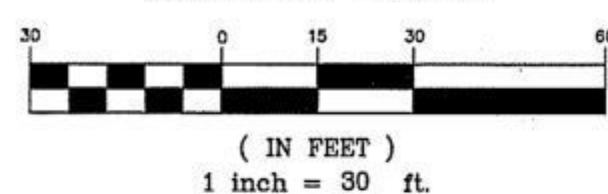
Tree #	Botanical name	Common Name	Size in inches (Caliper)	Clear Trunk (in feet) for palms	Native?	Condition	Height	Spread	Canopy (sq. ft.)	Value	GIS coordinates	Disposition
1	<i>Sabal palmetto</i>	<i>Cabbage palm</i>		30	Y	Good	40	10	79	\$ 340	N: 26.21779 W: 80.18491	Remove
2	<i>Washingtonia robusta</i>	<i>Washintonia palm</i>		12	N	Good	18	10	79	\$ 130	N: 26.21783 W: 80.18478	Remove
3	<i>Sabal palmetto</i>	<i>Cabbage palm</i>		13	Y	Moderate	20	10	79	\$ 100	N: 26.21735 W: 80.18434	Remove
4	<i>Sabal palmetto</i>	<i>Cabbage palm</i>		14	Y	Moderate	20	10	79	\$ 120	N: 26.21735 W: 80.18434	Remove
5	<i>Bursera simaruba</i>	<i>Gumbo limbo</i>	8		Y	Moderate	30	20	314	\$ 1,620	N: 26.21744 W: 80.18414	Remove
6	<i>Bursera simaruba</i>	<i>Gumbo limbo</i>	11		Y	Moderate	30	20	314	\$ 1,730	N: 26.21750 W: 80.18414	Remove
7	<i>Calophyllum brasilense</i>	<i>Brazilian beautyleaf</i>	4		N	Moderate	12	10	79	\$ 450	N: 26.21781 W: 80.18405	Remove
8	<i>Bursera simaruba</i>	<i>Gumbo limbo</i>	9		Y	Poor	25	20	314	\$ 1,480	N: 26.21799 W: 80.18464	Remove
Totals									Canopy (sq. ft) --> 1,335	\$ 5,970	<--Value	

Please see the overview for descriptions of the invasive / exotic trees. They include many Albizia lebbek (lead tree) and one large Acacia auriculiforma, so they are not counted. Similarly, the baby sabal palmetto with just inches of trunk is not counted.



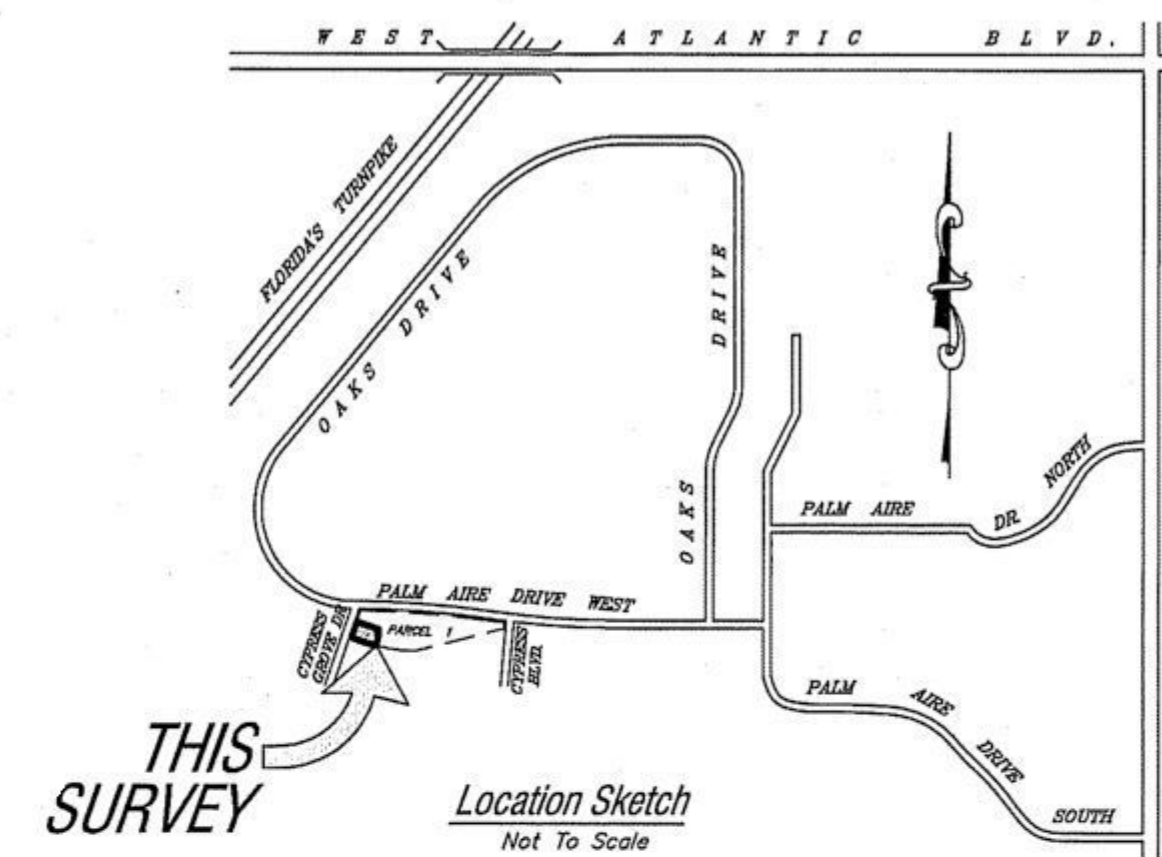
prepared by:
McLAUGHLIN ENGINEERING COMPANY (LB#285)
1700 N.W. 64th STREET, SUITE 400
FORT LAUDERDALE, FLORIDA, 33309
PHONE: (954) 763-7611 FAX: (954) 763-7615
WEB SITE: MECO400.COM, EMAIL: INFO@MECO400.COM

GRAPHIC SCALE



ALTA/NSPS LAND TITLE SURVEY

A PORTION OF PARCEL NO. 1,
"PALM AIRE CYPRESS
COURSE ESTATES 3rd SECTION",
PLAT BOOK 108, PAGE 48, B.C.R.



THIS
SURVEY

Location Sketch
Not To Scale

Legal Description:

That portion of Parcel No. 1, according to the plat of PALM AIRE CYPRESS COURSE ESTATES 3rd SECTION, as recorded in Plat Book 108 at page 48 of the Public Records of Broward County, Florida, described as follows:

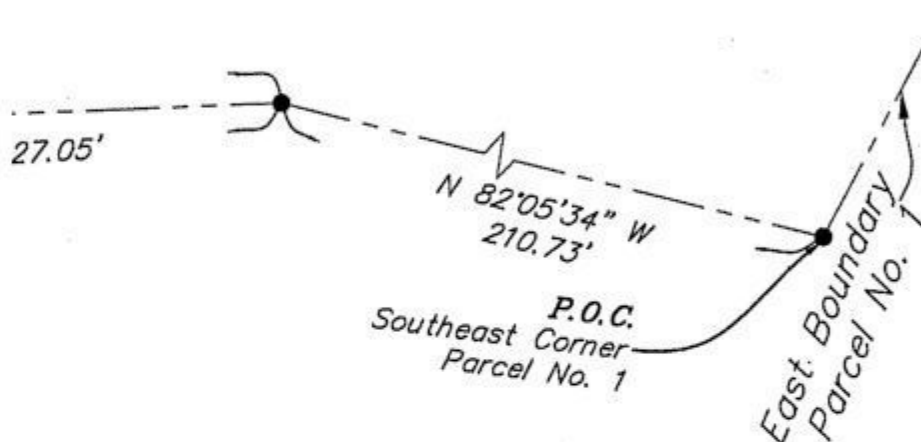
Commencing at the Southeast corner of said Parcel No. 1; thence run North 82°05'34" West (on an assumed bearing), 210.73 feet along the Southerly boundary of said Parcel No. 1, to a point of intersection; thence run South 81°38'25" West, 672.06 feet along said Southerly boundary, to a point of curvature of a curve to the right, thence along said Southerly boundary, on the arc of said curve to the right, having a radius of 1225.21 feet and a central angle of 16°08'24", run Westerly 345.14 feet, to the Point of Beginning; thence continue Northwesterly 343.54 feet along said Southerly boundary on the arc of said curve to the right, having a radius of 1225.21 feet and a central angle of 16°08'24", to the Southwest corner of said Parcel No. 1, being a point of intersection with the Westerly boundary of said Parcel No. 1, on the arc of said curve to the right, having a radius and a 2,400.00 feet central angle of 05°03'54", run Northeasterly 212.16 feet; thence run South 73°53'49" East, 299.17 feet; thence run South 18°06'15" West, a distance of 84.00 feet; thence run South 73°53'45" East, a distance of 20.02 feet; thence run South 07°46'22" West, a distance of 147.91 feet to the Point of Beginning.

Said lands situate lying and being in the City of Pompano Beach, Broward County, Florida and containing 70,989 square feet or 1.6297 acres, more or less. 1.6297 acres, more or less.

ALTA/NSPS Land Title Survey Certification:

To: THE RESIDENCES AT PALM AIRE GOLF LLC
2020 NE 16th Street - Suite 300
North Miami Beach, FL 33162

This is to certify that this map or plat and the survey on which it is based were made in accordance with the 2016 Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys, jointly established and adopted by ALTA and NSPS. The fieldwork was completed on July 21st, 2020.



CERTIFICATION:

We hereby certify that this survey meets the "Standards of Practice" as set forth by the Florida Board of Professional Surveyors and Mappers in Chapter 5J-17.05 Florida Administrative Code, pursuant to Section 472.027, Florida Statutes.

Dated at Fort Lauderdale, Florida, this 29th day of January, 2002. Revised legal description Site #2 this 7th day of February, 2002. Revised legal description Site #2 this 9th day of June, 2004. Resurveyed and certifications added this 22nd day of July, 2005. Revised certification this 28th day of July, 2005. Additional trees located this 14th day of November, 2017. Resurveyed this 21st day of July, 2020.

DRC
PZ21-12000003
7/7/2021

McLAUGHLIN ENGINEERING COMPANY
JERALD A. McLAUGHLIN
Registered Land Surveyor No. 5269
State of Florida.

Arborist Comments

1. Sabal palmetto (CT 30)
 2. Washingtonia robusta (CT 12)
 3. Sabal palmetto (CT 13)
 4. Sabal palmetto (CT 14)
 5. Bursera simaruba (DBH 10)
 6. Bursera simaruba (DBH 11)
 7. Calophyllum brasiliense (DBH 4)
 8. Bursera simaruba (DBH 9)
- X1 - X13 are all on the FLEPPC "exotic invasive" list except for X2, which is a "volunteer" Sabal palmetto with only inches of trunk (new fronds only) Most are Albizia lebbek. X1 is Acacia auriculiforma.

NOTES:

- 1) This survey reflects all easements and rights-of-way, as shown on above referenced record plat(s). The subject property was not abstracted for other easements, road reservations or rights-of-way of record by McLaughlin Engineering Company.
- 2) Underground improvements if any not located.
- 3) This drawing is not valid unless sealed with an authorized surveyors seal.
- 4) Boundary survey information does not infer Title or Ownership.
- 5) All iron rods 5/8", unless otherwise noted.
- 6) Reference Bench Mark: Broward County Engineering Department, BM # 1212, Elevation= 13.303 (NGVD29) converted to 11.703 (NAVD88).
- 7) Elevations shown refer to North American Vertical Datum (1988), and are indicated thus: Elev. Elev. = 8.84
- 8) This property lies in Flood Zones "AH", Elev.=10.0, "X", Area of Minimal Flood Hazard Per Flood Insurance Rate Map No. 12011C0358 H, Dated: August 18, 2014, Community Panel No. 125055.
- 9) Underground Utility locations shown hereon, if any, are based upon point marks on the ground provided by others. McLaughlin Engineering Company did not confirm the accuracy of this data. The exact location of all utilities should be confirmed prior to design or construction.
- 10) Bearings shown hereon refer to record plat (108/48) and assume the East line of said Parcel No. 1, as South 21°58'30" West.
- 11) Elevations per North American Vertical Datum (1988) derived from National Geodetic Vertical Datum (1929) data and converted using U.S. Army Corps of Engineers software (Corpscon 6.0.1) obtained from <http://www.tech.army.mil/>

OFFICE NOTES

BOOK NO. TDS-48, Print, LB# 239/44, LB# 247/35, PRINT, LB# 260/14, PRINT, TDS
JOB ORDER NO. T-6110, T-7659, U-1243, V-2816, V5348
CHECKED BY: _____
DRAWN BY: S.P., RDR, KT

LEGEND

Δ = CENTRAL ANGLE (DETA)	M.H.W. = MEAN HIGH WATER
A/C = AIR CONDITIONING	MISC. = MISCELLANEOUS
A.K.A. = ALSO KNOWN AS	M.L.P.(O) = METAL LIGHT POLE
A.L.P. = ALUMINUM LIGHT POLE	\pm = MORE AND LESS
ALTA = AMERICAN LAND TITLE ASSOCIATION	NSS = NATIONAL SOCIETY OF PROFESSIONAL SURVEYORS
A OR L = ARC LENGTH	NGVD29 = NATIONAL GEODETIC VERTICAL DATUM (1929)
B.C.R. = BROWARD COUNTY RECORDS	NAVD88 = NORTH AMERICAN VERTICAL DATUM (1988)
B.F.P. = BACK FLOW PREVENTOR	N.S.L.D. = NORTH SPRINGS IMPROVEMENT DISTRICT
B.H. = BULKHEAD	NO. = NUMBER
B. = BASE LINE	O.B. = OFFSET
C.A.T.V. = CABLE TV TERMINAL OR BOX	O/S = OFFSET
CALC. = CALCULATED	O/W = OVERHEAD UTILITY LINES
C.B.S. = CONCRETE, BLOCK AND STUCCO	P.C. = PAGE
C. = CENTERLINE OF RIGHT-OF-WAY	P.B. = PLAT BOOK
CH. = CHORD	P.B.C.R. = PALM BEACH COUNTY RECORDS
C.C.C.L. = COASTAL CONSTRUCTION CONTROL LINE	P.C.D. = POLLUTION CONTROL DEVICE
C.L.P. = CHAIN LINK FENCE	P.I. = POINT OF INTERSECTION
C.L.P.P. = CONCRETE LIGHT POLE	P.I.V. = POST INDICATOR VALVE
C.P.P. = CONCRETE POWER LIGHT POLE	P.O.B. = POINT OF BEGINNING
C.P. = CONCRETE POWER POLE	P.O.C. = POINT OF COMMENCEMENT
CO. = COMPANY	P.R.C. = POINT OF REVERSE CURVE
CONC. = CONCRETE	P.R.M. = PERMANENT REFERENCE MONUMENT
C/D = CLEAN CUT	R. = RADIUS
D.B. = DIAMETER	R.C.P. = REINFORCED CONCRETE PIPE
DESC. = DESCRIPTION FROM FORMER DESCRIPTION	R/W = RIGHT-OF-WAY
DIA. = DIAMETER	S.B.T. = SOUTHERN BELL TELEPHONE
D.B.H. = DIAMETER AT BREAST HEIGHT	SA. = SEWER VALVE
ELEC. = ELECTRIC	S.H.W. = SEASONAL HIGH WATER LINE
ELEV. OR EL. = ELEVATION	S.T.L. = SURVEY TIE LINE
FEET = FEET	TAN. = TANGENT
F.H. = FIRE HYDRANT	TAN.BRG. = TANGENT BEARING
F.D.O.T. = FLORIDA DEPARTMENT OF TRANSPORTATION	W.M. = WATER METER
F.P.L. = FLORIDA POWER AND LIGHT CO.	W.V. = WATER VALVE
G.T.M. = GREASE TRAP MANHOLE	W.F. = WET FACE OF BULKHEAD
H.M. = HAND HOLE	W.F.P. = WET FACE OF CAP
I.C.V. = IRRIGATION CONTROL VALVE	W.L.P. = WOOD STREET LIGHT POLE
INV. = INVERT	W.P.L.P. = WOOD POWER STREET LIGHT POLE
LB = LICENSE BUSINESS	W.P.P. = WOOD POWER POLE
MAG. = MAGNET	W.M.C. = WITH McLAUGHLIN ENGINEERING CO. CAP
M.D.C.R. = MIAMI DADE COUNTY RECORDS	W.M.C. = WITH WITNESS CAP # 285
MEAS. = FIELD MEASURE	W.M.C. = HANDICAPPED PARKING SPACE
P. = PARKING SPACES	

FLOOD ZONE HATCH LEGEND

	= FLOOD ZONE "X" AREA OF MINIMAL FLOOD HAZARD
	= FLOOD ZONE "AH" ELEVATION=10'

TREE SYMBOLS

	INDICATES DIAMETER± (D.B.H.)
	ACACIA
	BUSH OR SHRUB
	FIG TREE
	PALM TREE
	UNKNOWN TREE

02 - 3 - 011(20) SITE #2

FILE NO.:

ISA worksheet for Tree Valuation

Method: Florida ISA Tree Eval. Guidelines, Per Joseph Samnick, 2000 sent to arborist by Landscape Dept. of City of Pompano Beach 11/2019

Case# 1 **Sabal palmetto / Cabbage palm**
 Property 700 Cypress Grove, Pompano Beach
 Appraiser Van Hutchinson, Cert.Arborist (ISA)
 Method: Palm diameter



1	Species	<i>Sabal palmetto / Cabbage palm</i>	
2	DIMINUTION FACTOR (Condition)	90.6%	
3	Replacement palm (OA)	30	
4	Replacement cost per foot (Average of 3 local nurseries)	\$	5.00
5	Markup: ISA Multiplier per J. Samnick	2.5	
6	Value after multiplying 2.5	\$	12.50 Value per foot OA
7	Base value (Subject tree height x line 6)	\$	375.0
8	Value after Diminution factors	\$	339.84
9	Appraised value	\$ 340.00	

Condition Factors	Score	Max Score
Roots	7	8 Structure: 1-4 plus health 1-4
Trunk	7	8 Structure: 1-4 plus health 1-4
Scaffold Branches	7	8 Structure: 1-4 plus health 1-4
Small branches/twigs	4	health 1-4
Foliage/buds	4	health 1-4
Score	29	
Total Possible	32	
Rating: (score/total possible)	91%	

Comments

NOTE: Condition is good, with normal root zone / trunk / head. Note that this site is in an "undisturbed" or natural state so all trees on site are receiving only rainwater. No fertilizer or trimming or pest control as might be found in some developed properties.

Canopy calculation:

Spread	Canopy	Height "Overall Ht / OA"
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PZ21-12000003

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10	79	sq. ft.	10
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Sabal palmettos tend toward commodity pricing at about \$125 to \$175 for a large palm; ie. use \$5 per ft. of CT trunk.

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PZ21-12000003

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PZ21-12000003

ISA worksheet for Tree Valuation

Method: Florida ISA Tree Eval. Guidelines, Per Joseph Samnick, 2000 sent to arborist by Landscape Dept. of City of Pompano Beach 11/2019

Case# 2 **Sabal palmetto / Cabbage palm**
 Property 700 Cypress Grove, Pompano Beach
 Appraiser Van Hutchinson, Cert.Arborist (ISA)
 Method: Palm diameter



1	Species	<i>Washingtonia robusta / Mx. Fan.</i>	
2	DIMINUTION FACTOR (Condition)	84.4%	
3	Replacement palm (OA)	12	
4	Replacement cost per foot (Average of 3 local nurseries)	\$	5.00
5	Markup: ISA Multiplier per J. Samnick	2.5	
6	Value after multiplying 2.5	\$	12.50 Value per foot OA
7	Base value (Subject tree height x line 6)	\$	150.0
8	Value after Diminution factors	\$	126.56
9	Appraised value	\$ 130.00	

Condition Factors	Score	Max Score
Roots	7	8 Structure: 1-4 plus health 1-4
Trunk	7	8 Structure: 1-4 plus health 1-4
Scaffold Branches	6	8 Structure: 1-4 plus health 1-4
Small branches/twigs	3	health 1-4
Foliage/buds	4	health 1-4
Score	27	
Total Possible	32	
Rating: (score/total possible)	84%	

Comments

NOTE: Condition is good, with normal root zone / trunk / head. Note that this site is in an "undisturbed" or natural state so all trees on site are receiving only rainwater. No fertilizer or trimming or pest control as might be found in some developed properties.

Canopy calculation:

Spread	Canopy	Height "Overall Ht / OA"
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DRC

PZ21-12000003

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PZ21-12000003

10	79	sq. ft.	10
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Washingtonia palms range from \$8 to \$12 per foot at farms such as High Hope, Becker Tree Farm, and Hope Town per PlantAnt.com 3/18/21.

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PZ21-12000003

ISA worksheet for Tree Valuation

Method: Florida ISA Tree Eval. Guidelines, Per Joseph Samnick, 2000 sent to arborist by Landscape Dept. of City of Pompano Beach 11/2019

Case# 3 **Sabal palmetto / Cabbage palm**
 Property 700 Cypress Grove, Pompano Beach
 Appraiser Van Hutchinson, Cert.Arborist (ISA)
 Method: Palm diameter



1	Species	<i>Sabal palmetto / Cabbage palm</i>	
2	DIMINUTION FACTOR (Condition)	62.5%	
3	Replacement palm (OA)	13	
4	Replacement cost per foot (Average of 3 local nurseries)	\$	5.00
5	Markup: ISA Multiplier per J. Samnick	2.5	
6	Value after multiplying 2.5	\$	12.50 Value per foot OA
7	Base value (Subject tree height x line 6)	\$	162.5
8	Value after Diminution factors	\$	101.56
9	Appraised value	\$ 100.00	

Comments

Condition Factors	Score	Max Score
Roots	6	8 Structure: 1-4 plus health 1-4
Trunk	3	8 Structure: 1-4 plus health 1-4
Scaffold Branches	5	8 Structure: 1-4 plus health 1-4
Small branches/twigs	3	health 1-4
Foliage/buds	3	health 1-4
Score	20	
Total Possible	32	
Rating: (score/total possible)	63%	

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NOTE: Condition is moderate tending to poor, due to the fact an a strangler fig (*Ficus aurea*) with no current value, has been established for several years to the point that the health / vitality of this palm is sorely compromised. The strangler fig has not yet become established as its own tree, and is still an epiphyte, but it has gained so much mass that IT WOULD TAKE A VERY CAREFUL TRIMMING AND "SURGERY" BY A PALM EXPERT TO EXTRICATE THE STRANGLER FIG AND GET BACK TO A CLEAN TRUNK; AND TYPICALLY THE COST OF SUCH TREE SURGERY WOULD EXCEED THE VALUE OF A NEW SABAL PALMETTO FROM THE NURSERY.

Canopy calculation:

Spread	Canopy	Height "Overall Ht / OA"
10	79 sq. ft.	10

Sabal palmettos tend toward commodity pricing at about \$125 to \$175 for a large palm; ie. use \$5 per ft. of CT trunk.

ISA worksheet for Tree Valuation

Method: Florida ISA Tree Eval. Guidelines, Per Joseph Samnick, 2000 sent to arborist by Landscape Dept. of City of Pompano Beach 11/2019

Case# 4 **Sabal palmetto / Cabbage palm**
 Property 700 Cypress Grove, Pompano Beach
 Appraiser Van Hutchinson, Cert.Arborist (ISA)
 Method: Palm diameter



1	Species	<i>Sabal palmetto / Cabbage palm</i>	
2	DIMINUTION FACTOR (Condition)	68.8%	
3	Replacement palm (OA)	14	
4	Replacement cost per foot (Average of 3 local nurseries)	\$	5.00
5	Markup: ISA Multiplier per J. Samnick	2.5	
6	Value after multiplying 2.5	\$	12.50 Value per foot OA
7	Base value (Subject tree height x line 6)	\$	175.0
8	Value after Diminution factors	\$	120.31
9	Appraised value	\$ 120.00	

Comments

Condition Factors	Score	Max Score
Roots	6	8 Structure: 1-4 plus health 1-4
Trunk	5	8 Structure: 1-4 plus health 1-4
Scaffold Branches	5	8 Structure: 1-4 plus health 1-4
Small branches/twigs	3	health 1-4
Foliage/buds	3	health 1-4
Score	22	
Total Possible	32	
Rating: (score/total possible)	69%	

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PZ21-12000003

NOTE: Condition is moderate tending to poor, due to the fact it is heavily covered / encircled with Virginia creeper, a common invasive vine that chokes sunlight and photosynthesis and when heavy, can restrict growth. This palm is just inches from the other sabal palmetto #3 and may have some additional negative influence from the strangler fig climbing mainly on #3, and so between the Virginia creeper and the fig, IT WOULD TAKE A VERY CAREFUL TRIMMING AND "SURGERY" BY A PALM EXPERT TO EXTRICATE THE VIRGINIA CREEPER AND ASPECTS OF THE STRANGLER FIG AND GET BACK TO A CLEAN TRUNK; AND TYPICALLY THE COST OF SUCH TREE SURGERY WOULD EXCEED THE VALUE OF A NEW SABAL PALMETTO FROM THE NURSERY.

Canopy calculation:

Spread	Canopy	Height "Overall Ht / OA"
10	79 sq. ft.	10

Sabal palmettos tend toward commodity pricing at about \$125 to \$175 for a large palm; ie. use \$5 per ft. of CT trunk.

DRC

PZ21-12000003

DRC

PZ21-12000003

ISA worksheet for Tree Valuation

Method: Florida ISA Tree Eval. Guidelines, Per Joseph Samnick, 2000 sent to arborist by Landscape Dept. of City of Pompano Beach 11/2019

Case# 5 **Bursera simaruba / gumbo limbo**
 Property 700 Cypress Grove, Pompano Beach, FL
 Appraiser Van Hutchinson, Cert.Arborist (ISA)

Method: DBH multiplier used for trees under 36" DBH.



1	Species	<i>Bursera simaruba / gumbo limbo</i>	
2	Diameter (DBH) in inches	8	
3	DIMINUTION FACTOR (Condition)	84.4%	
4	Replacement tree size (inches of diam.)	6	
5	Replacement tree cost (Average of 3 local nurseries)	\$ 575.00	
6	Markup: ISA Multiplier per J. Samnick	2.5	
7	Value after multiplying 2.5	1,437.5	
8	Value of each diameter inch of replacement tree	\$ 239.6	<i>Value of replacement tree / sq. inches of replacement tree</i>
9			
10			
11	Base value (line 8 x line 2)	\$ 1,916.7	
12	Value after Diminution factors	\$ 1,617.19	
13	Appraised value	\$ 1,620.00	

Condition Factors	Score	Max Score
Roots	7	8 Structure: 1-4 plus health 1-4
Trunk	6	8 Structure: 1-4 plus health 1-4
Scaffold Branches	6	8 Structure: 1-4 plus health 1-4
Small branches/twigs	4	health 1-4
Foliage/buds	4	health 1-4
Score	27	
Total Possible	32	
Rating: (score/total possible)	84%	

Comments

DRC

PZ21-12000003

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PZ21-12000003

This is one of the few volunteers that actually ends up with a form / single leader that compares to a nursery tree (most volunteers end up with unattractive bent trunks or co-dominant trunks) but this tree could be possibly transplanted with some minor root pruning and then pruned / trained to become a canopy tree. Condition is moderate tending toward good.

Canopy calculation:

Spread	Canopy	Height "Overall Ht / OA"
20	314 sq. ft.	35

Data Sources: Plantant.com and Betrock Plant Finder: Field grown, ranging from \$350 and \$375 to \$999 for 6" plus caliper.

(Becker, Duke, Caribbean Tree.) Use average of: \$ **575.00 per tree**

ISA worksheet for Tree Valuation

Method: Florida ISA Tree Eval. Guidelines, Per Joseph Samnick, 2000 sent to arborist by Landscape Dept. of City of Pompano Beach 11/2019

Case# 6 **Bursera simaruba / gumbo limbo**
 Property 700 Cypress Grove, Pompano Beach, FL
 Appraiser Van Hutchinson, Cert.Arborist (ISA)

Method: DBH multiplier used for trees under 36" DBH.



1	Species	<i>Bursera simaruba / gumbo limbo</i>	
2	Diameter (DBH) in inches	11	
3	DIMINUTION FACTOR (Condition)	65.6%	
4	Replacement tree size (inches of diam.)	6	
5	Replacement tree cost (Average of 3 local nurseries)	\$ 575.00	
6	Markup: ISA Multiplier per J. Samnick	2.5	
7	Value after multiplying 2.5	1,437.5	
8	Value of each diameter inch of replacement tree	\$ 239.6	<i>Value of replacement tree / sq. inches of replacement tree</i>
9			
10			
11	Base value (line 8 x line 2)	\$ 2,635.4	
12	Value after Diminution factors	\$ 1,729.49	
13	Appraised value	\$ 1,730.00	

Condition Factors	Score	Max Score
Roots	7	8 Structure: 1-4 plus health 1-4
Trunk	3	8 Structure: 1-4 plus health 1-4
Scaffold Branches	3	8 Structure: 1-4 plus health 1-4
Small branches/twigs	4	health 1-4
Foliage/buds	4	health 1-4
Score	21	
Total Possible	32	
Rating: (score/total possible)	66%	

Comments

DRC

PZ21-12000003

DRC

PZ21-12000003

Like tree #5, this is a volunteer, and it has co-dominant trunks starting at about 4.5 feet of height, so condition is moderate tending to poor, but this tree could be possibly transplanted with some minor root pruning and then the trunk that is a bit smaller than the other could be completely eliminated to form a single leader. Pruning should be done by nursery-trained expert or arborist.

Canopy calculation:

Spread	Canopy	Height "Overall Ht / OA"
20	314 sq. ft.	35

Data Sources: Plantant.com and Betrock Plant Finder: Field grown, ranging from \$350 and \$375 to \$999 for 6" plus caliper.

(Becker, Duke, Caribbean Tree.) Use average of: \$ **575.00 per tree**

ISA worksheet for Tree Valuation

Method: Florida ISA Tree Eval. Guidelines, Per Joseph Samnick, 2000 sent to arborist by Landscape Dept. of City of Pompano Beach 11/2019

Case# 7 ***Calophyllum brasiliense / Brazilian beautyleaf***

Property 700 Cypress Grove, Pompano Beach, FL

Appraiser Van Hutchinson, Cert.Arborist (ISA)

Method: DBH multiplier used for trees under 6" DBH



1 Species *Calophyllum brasiliense / Brazilian beautyleaf*

2 Diameter (DBH) in inches 4

3 DIMINUTION FACTOR (Condition) 78.1%

4 Replacement tree size (inches of diam.) 4

5 Replacement tree cost (Average of 3 local nurseries) \$ 230.00

6 Markup: ISA Multiplier per J. Samnick 2.5

7 Value after multiplying 2.5 575.0

8

9

10

11 Base value (line 8 x line 2) \$ 575.0

12 Value after Diminution factors \$ 449.22

13 Appraised value **\$ 450.00**

Comments

Condition Factors	Score	Max Score
Roots	7	8 Structure: 1-4 plus health 1-4
Trunk	5	8 Structure: 1-4 plus health 1-4
Scaffold Branches	6	8 Structure: 1-4 plus health 1-4
Small branches/twigs	3	health 1-4
Foliage/buds	4	health 1-4
Score	25	
Total Possible	32	
Rating: (score/total possible)	78%	

DRC

PZ21-12000003

DRC

PZ21-12000003

Like tree #5, this is a volunteer, and it has a single trunk but very off-balance lean and growth. Transplanting may be challenging because the calophyllum is not especially hardy for transplanting and would require appropriate root pruning and hardening off.

Canopy calculation:

Spread	Canopy	Height "Overall Ht / OA"
10	79 sq. ft.	35

Data Sources: Plantant.com and Betrock Plant Finder: Field grown, ranging from \$225 to \$250 for 4" plus caliper.

(Freund, M & J Tree.) Use average of: \$ **230.00 per tree**

DRC

PZ21-12000003

DRC

PZ21-12000003

ISA worksheet for Tree Valuation

Method: Florida ISA Tree Eval. Guidelines, Per Joseph Samnick, 2000 sent to arborist by Landscape Dept. of City of Pompano Beach 11/2019

Case# 8 **Bursera simaruba / gumbo limbo**
 Property 700 Cypress Grove, Pompano Beach, FL
 Appraiser Van Hutchinson, Cert.Arborist (ISA)

Method: DBH multiplier used for trees under 36" DBH.



1	Species	<i>Bursera simaruba / gumbo limbo</i>	
2	Diameter (DBH) in inches	9	
3	DIMINUTION FACTOR (Condition)	68.8%	
4	Replacement tree size (inches of diam.)	6	
5	Replacement tree cost (Average of 3 local nurseries)	\$ 575.00	
6	Markup: ISA Multiplier per J. Samnick	2.5	
7	Value after multiplying 2.5	1,437.5	
8	Value of each diameter inch of replacement tree	\$ 239.6	<i>Value of replacement tree / sq. inches of replacement tree</i>
9			
10			
11	Base value (line 8 x line 2)	\$ 2,156.3	
12	Value after Diminution factors	\$ 1,482.42	
13	Appraised value	\$ 1,480.00	

Condition Factors	Score	Max Score
Roots	7	8 Structure: 1-4 plus health 1-4
Trunk	4	8 Structure: 1-4 plus health 1-4
Scaffold Branches	4	8 Structure: 1-4 plus health 1-4
Small branches/twigs	3	health 1-4
Foliage/buds	4	health 1-4
Score	22	
Total Possible	32	
Rating: (score/total possible)	69%	

Comments

DRC

PZ21-12000003

DRC

PZ21-12000003

Like tree #5, this is a volunteer, and it has co-dominant trunks starting at about 13 feet of height, plus about a 20-degree lean, so condition is moderate tending to poor. This tree could be possibly transplanted with some minor root pruning HOWEVER the lean and the division into 3 trunks makes this tree not desirable for transplanting.

Canopy calculation:

Spread	Canopy	Height "Overall Ht / OA"
20	314 sq. ft.	25

Data Sources: Plantant.com and Betrock Plant Finder: Field grown, ranging from \$350 and \$375 to \$999 for 6" plus caliper.

(Becker, Duke, Caribbean Tree.) Use average of:

\$ **575.00 per tree**

DRC

PZ21-12000003

DRC

PZ21-12000003