Owner PAUL AMES (Earl Kiser) | Mailing Address | Permit No. 3782

Lot 10 +5 50' - 11 Block | Subdivision ALLISON ISLAND (Indian Cr.) | No. 6431 Street Allison Rd. | Date 5-5-30

General Contractor J. L. Berry | 21164 | Address

Architect B. Kingston Hall | Address

Front 80-0 Depth 135-0 | Height | Stories | Use Res.

Type of construction C. B. S. | Cost $60,000 | Foundation PILE FOUNDATION WOOD PILE | Roof Tile

---

Plumbing Contractor | 1 060 / 1 500 / 62 500 | Address | Date

No. fixtures | Rough approved by | | Date

Plumbing Contractor | | Address | Date

No. fixtures set | Final approved by | | Date

Sewer connection | Septic tank 1 | Make Kenyon (5299) | Date 7-14-30

Electrical Contractor Hardy #1574 | Address | Date 5-21-30

No. outlets 100 Heaters | Stoves 1 Motors | Fans | Temporary service

Rough approved by | Date

Electrical Contractor Hardy | Address | Date 10-21-30

No. fixtures set 54 | Final approved by | Date

Date of service

Alterations or repairs Owner- PAUL AMES, PERMIT # 5578 - COST $1,000.00 - Date 10-13-33
Remodelling -
Kingston Hall, Architect.
Contractor- Owner by day labor. -

Permit # 6833;- Block Wall 268-0 cost $1,500.00 - Geo W. Langford, contractor; - - Apr. 6-1935

(over)

#7571

BUILDING PERMITS: #65588 Garbage- Paint exterior of building - $1000. - 8/9/61

#81377 G & L Roofing Co. Re-roof 48 Squares $5,695.00 11/13/68

#01440-Snapp, Inc.-Sandblasting, exterior perimeter, res. & garage-$2000-7-14-72

#X #89396-McGrath and Associates-Pool, 24,300 gallons and patio-$20,000-8-22-77

#24320 8/5/83 - SANDBLAST AND PAINT EAST SIDE OF 2 STORY HOUSE $1,500 $15.00

#MO7080 12/13/84 P & H Refrigation - air cond central 1-2½ ton air, replacement

PLUMBING PERMIT:#49277-Morgen Plumbing, Inc.- 4" sewer connection; 1 Pump and Abandon Septic Tank-7-19-7

#55282-Dependable Plumbing-repair pipe and change service-9-27-77

#56223-McGrath & Assoc,-pool piping-6-23-78

#57130-McGrath and Assoc- pool heater-new installation-3-30-79

#57135-Dependable Plumbing and Service- gas piping to heater-4-3-79

#57203-Peoples Gas System- 1 meter set(gas)-4-24-79

Electric 74321-Kay Electric- 4 light outlets, 1 motors, 0-1HP-9-12-77

#79375 5/3/84 Bermac Elect - 3 switch, 4 light outlets, 6 recpt, 1-400A service size in amps, 1 appliance outlets frig 4 fixtures,(above deletions by Roy McDade 5/3/84)

#79477 6/19/84 Cable Security Corp - 1 burglar alarm, 13 devices

#80883 2/26/86 Cableguard Inc - 1 burglar alarm control, 16 devices

Tree Resource Evaluation for 6431 Allison Road, Miami Beach

Prepared for:

Strang Architecture

Prepared by:

Jeff Shimonski

President, Tropical Designs of Florida

Member, American Society of Consulting Arborists

ISA Certified Arborist Municipal Specialist FL-1052AM

ISA Tree Risk Assessment Qualification

305-773-9406

Jeff@TropicalArboriculture.com

July 19, 2018

Summary

I performed a tree resource evaluation on the property located at 6431 Allison Road, Miami Beach on July 17, 2018. The location of these trees and palms can be found in Appendix B.

The evaluation in Appendix A includes tree and palm measurements, recommended size of the TPZ (tree protection zone), and condition rating.

I rated the trees and palms in accordance with ANSI A300 (Part 5) – 2005, Annex A, Management Report Information. Trees are rated Good, Moderate or Poor, see Appendix C. I recommend the removal of trees and palms that I rate as Poor.

I also followed the Levels and Scope of Tree Risk Assessment from the ANSI A300 Part 9- 2017: Levels of tree risk assessment; Level 1 limited visual tree risk assessment, Level 2 basic tree risk assessment, and Level 3 advanced tree risk assessment. The scope of this report/evaluation was limited to a Level 2 Assessment for all trees onsite.

To perform all measurements, I used a forestry diameter measuring tape and a measuring wheel. I rounded-off to the nearest inch when measuring trunk diameter, heights and canopy diameters are approximate.

Any trees that are to remain should have their canopies cleared of dead wood and hazardous branches by a certified arborist.

Appendix E contains the ANSI A300 definitions of Tree Protection Zone (TPZ) and Critical Root Zone (CRZ). Some trees have their root systems limited by adjacent concrete, patios or driveways. This will limit the size of the TPZ/CRZ on the side of a tree nearest this flatwork.

The TPZ/CRZ is a radius measured from the outside of the trunk.

Photos below

The color and brightness on some photos has been adjusted to provide contrast and clarity to the subject matter. This follows the Basic section on Enhancement Techniques found in Section 11, Best Practices for Documenting Image Enhancement in a document produced by SWGIT Scientific Working Group Imaging Technology, www.SWGIT.org.

Photo 1 above is tree 1 viewed from the north. The trunk of this tree is significantly decayed on the south side. See following photo. This tree should be removed.

Photo 2 above is the south side of the trunk of tree 1 showing signs of significant decay. The orange knife is 7 inches in length.

Photo 3 above is tree 2 viewed from the south. This tree is currently in the seasonal process of losing its leaves.

Photo 4 above is tree 3 viewed from the south. Palm 7 has three trunks but they should not be counted individually, hence the numbers 8 & 9 removed from Appendix A.

Photo 5 above is trees 4 & 6 and palm 5 along the southern edge of the property. Tree 6 is in moderate condition due to the large branches removed on the east side of the tree.

Photo 6 above is palm 10 near the southeast corner of the property. The bush to the right is *Schinus terebinthifolius,* Brazilian pepper which is an invasive exotic species.

Photo 7 above is palms 11 & 12 along the eastern edge of the property. Both palms have severe uncorrectable nutrient deficiencies and pining crownshafts. They both should be removed.

Photo 8 above is tree 13 near the northeastern corner of the property. This tree is a good candidate for relocation.

Photo 9 above is tree 14 viewed from the east. This tree is a good candidate for relocation.

Photo 10 above is tree 15 viewed from the south. This tree is a good candidate for relocation.

Photo 11 above is tree 16 viewed from the south. This tree is not a good candidate for relocation due to the greatly restricted root plate.

Photo 12 above is tree 17 viewed from the east. This tree is not a good candidate for relocation due to the greatly restricted root plate.

Photo 13 above is tree 18 viewed from the north. This tree is not a good candidate for relocation due to the greatly restricted root plate.

Photo 14 above is trees 19, 20, 21 & 22 viewed from the west. Tree 21 is dead.

Photo 15 above is trees 19, 20, 21 & 22 viewed from the north. Tree 21 is dead. The green on tree 21 is a climbing fig vine.

Photo 16 above is ponytail palm 23 (not a true tree or palm) and tree 23a with poor branch structure and grown-in as a volunteer. This tree should be removed.

Photo 17 above is tree 24 viewed from the south. This tree is not a good candidate for relocation due to the greatly restricted root plate.

Photo 18 above is tree 25 viewed from the east. This tree is not a good candidate for relocation due to the greatly restricted root plate.

Photo 19 above is trees 26 & 29 viewed from the north. These trees are not good candidates for relocation due to the greatly restricted root plates and poor branch taper.

Photo 20 above is trees 27 & 28 viewed from the south. These trees are not good candidates for relocation due to the greatly restricted root plates and poor branch taper. The blue arrow indicates a tamarind (*Tamarindus indicus)* with a DBH of 1 inch.

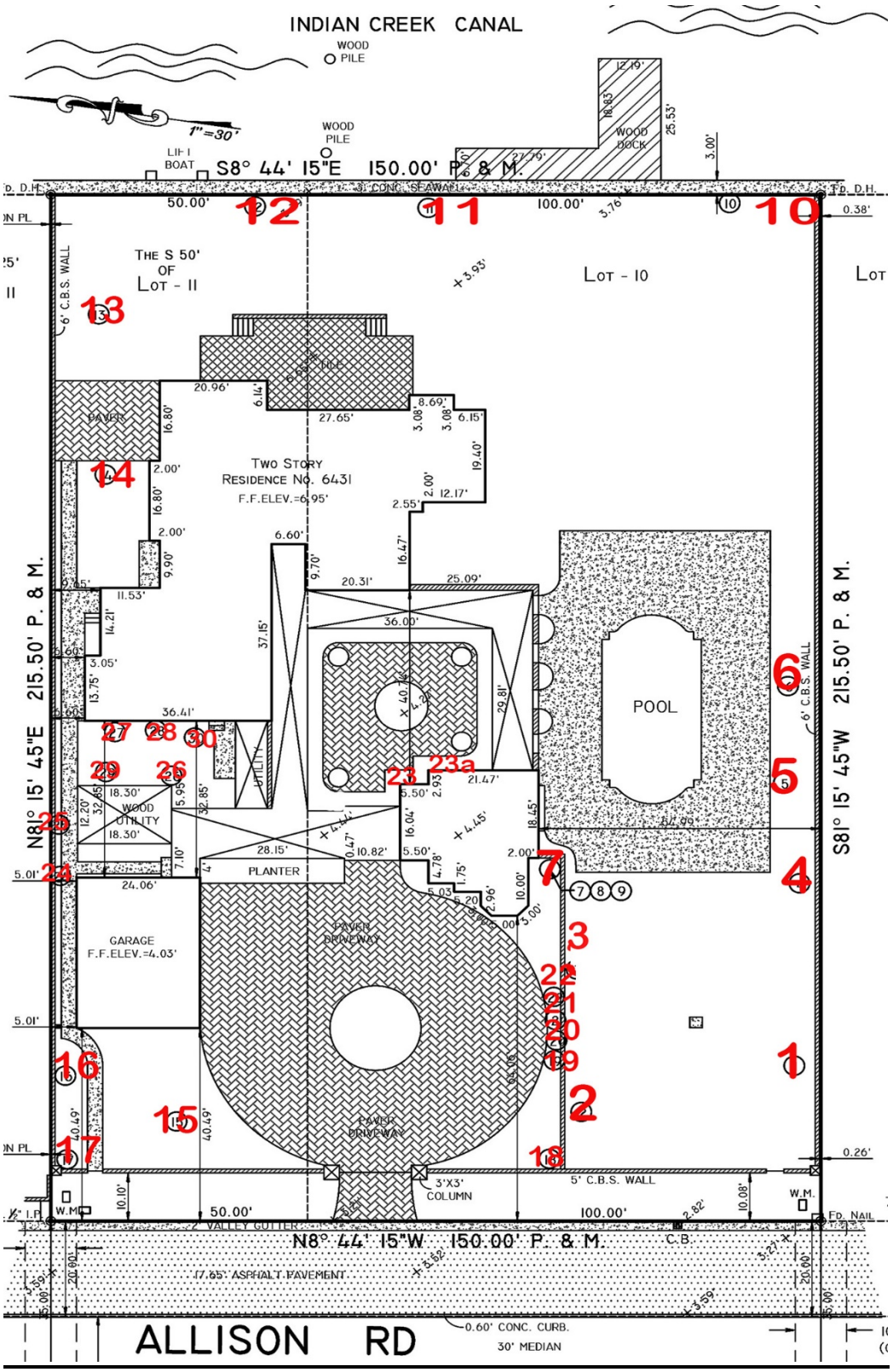
Photo 21 above is trees 26, 28 & 30 viewed from the north. These trees are not good candidates for relocation due to the greatly restricted root plates and poor branch taper.

Appendix – A

	Scientific name	Common name	DBH	H/Ct	Canopy	Condition	TPZ
1	Bauhinia purpurea	Hong Kong orchid	31"	30'	35'	Poor	
2	Plumeria rubra	Frangipani	19"	18'	20'	Good	4'
3	Plumeria rubra	Frangipani	25"	20'	30'	Good	4'
4	Juniperus chinensis	Chinese juniper	6"	12'	15'	Good	4'
5	Livistona chinensis	Chinese fan palm	9"	5'	12'	Good	3'
6	Juniperus chinensis	Chinese juniper	52"	20'	25'	Moderate	6'
7	Phoenix reclinata	Senegal date palm	22"	15'	25'	Good	3'
8	Same as 7						
9	Same as 7						
10	Cocos nucifera	Coconut palm	11"	25'	22'	Good	3'
11	Roystonea regia	Royal palm	16"	30'	16'	Poor	
12	Roystonea regia	Royal palm	13"	25'	8'	Poor	
13	Crescentia cujete	Calabash	14"	14'	15'	Good	3'
14	Crescentia cujete	Calabash	30"	18'	18'	Good	4'
15	Crescentia cujete	Calabash	29"	25'	30'	Good	4'
16	Tabebuia heterophylla	Pink trumpet tree	30"	35'	20'	Moderate	6'
17	Manilkara sapota	Sapodilla	22"	30'	32'	Moderate	5'
18	Psidium species		14"	30'	40'	Good	5'
19	Cupressus sempervirens	Italian cypress	8"	30'	3'	Good	4'
20	Cupressus sempervirens	Italian cypress	6"	35'	3'	Good	4'
21	Cupressus sempervirens	Italian cypress	7"	20'	2'	Dead	
22	Cupressus sempervirens	Italian cypress	6"	35'	3'	Good	4'
23	Beaucarnea recurvata	Ponytail palm	9"	24'	4'	Good	2'
23a	Bauhinia purpurea	Hong Kong orchid	3"	14'	20'	Poor	
24	Tabebuia heterophylla	Pink trumpet tree	15"	30'	35'	Poor	
25	Persea americana	Avocado	5"	25'	10'	Poor	
26	Spondias species	Ciriguela	9"	25'	30'	Moderate	5'
27	Inga species		8"	35'	30'	Good	5'
28	Inga species		14"	35'	30'	Good	5'
29	Psidium guajava	Guava	9"	25'	18'	Moderate	4'
30	Persea americana	Avocado	16"	45'	45'	Moderate	5'

- **I recommend the removal of trees or palms that I rate to be in poor condition.**
- **The H/Ct column denotes approximate overall height (H) for trees and approximate clear wood or trunk (Ct) for palms.**
- **Tree canopy measurements are approximate and measured in only one direction.**

Appendix – B – Numbered locations of trees and palms assessed



Appendix – C

ANSI A300 (Part 5) - 2005, Annex A

Management report information

Examples of suitability ratings

Good: These are trees with good health and structural stability that have the potential for longevity at the site.

Moderate: Trees in this category have fair health and/or structural defects that may be abated with treatment. Trees in this category require more intense management and monitoring, and may have shorter life-spans than those in the "good" category.

Poor: Trees in this category are in poor health or have significant defect s in structure that cannot be abated with treatment. These trees can be expected to decline regardless of management. The species or individual tree may possess either characteristics that are undesirable in landscape settings or be unsuited for use areas.

Appendix – E – Critical Root Zone and Tree Protection Zone

ANSI A 300 (Part 5) – 2012 Management of Trees and Shrubs during Site Planning, Site Development and Construction

Critical Root Zone (CRZ): The minimum volume of roots necessary to have for tree health and stability.

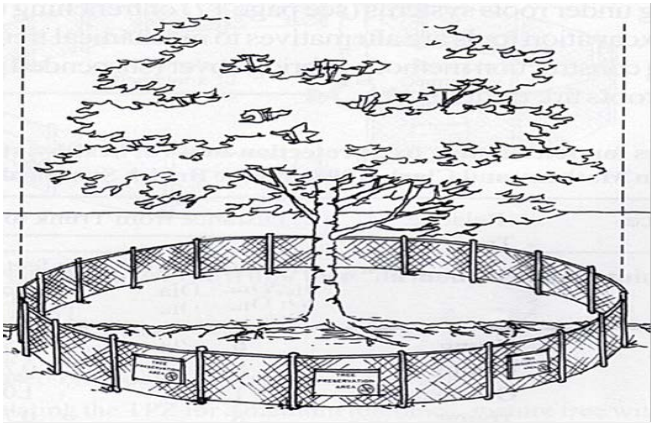
Tree Protection Zone (TPZ): The area surrounding a tree defined by a specified distance, in which excavation and other construction – related activities should be avoided. The TPZ is variable depending on species, factors, age and health of the plant, soil conditions, and proposed construction. The zone may be accomplished by physical barriers or soil protection layers or treatments.

ANSI A300 (Part 5) – 2012 54.7

A tree protection zone (TPZ) shall be delineated around all trees to be protected during a project

- **54.7.1 The area and dimensions of the TPZ should be calculated on the basis of species tolerance, age, and health, root structure, rooting depth and soil conditions.**

Appendix – F – Schematic for tree protection during construction



The dimensions for the tree protection zones for all trees to remain onsite are shown in Appendix A. This area shall be encircled with a 4 foot high sturdy fence supported by steel rods or pipes to support the fence every 6 feet. There shall be signage on the fence in English and Spanish not allowing storage of any materials, change of grade or movement of equipment. This fence shall be inspected regularly by the contractor to ensure compliance.

Appendix - G - Assumptions and Limiting Conditions

Tropical Designs of Florida, Inc.
Arboricultural and Horticultural Consulting

Qualifications, Assumptions, and Limiting Conditions

Any legal description provided to the consultant is assumed to be correct. Any titles or ownership of properties are assumed to be good and marketable. All property is appraised or evaluated as though free and clear, under responsible ownership and competent management.

All property is presumed to be in conformance with applicable codes, ordinances, statutes, or other regulations.

Care has been taken to obtain information from reliable sources. However, the consultant cannot be responsible for the accuracy of information provided by others.

The consultant shall not be required to give testimony or to attend meetings, hearings, conferences, mediations, arbitrations, or trials by reason of this report unless subsequent contractual arrangements are made, including payment of an additional fee for such services.

This report and any appraisal value expressed herein represent the opinion of the consultant, and the consultant's fee is not contingent upon the reporting of a specified appraisal value, a stipulated result, or the occurrence of a subsequent event.

Sketches, drawings, and photographs in this report are intended for use as visual aids, are not necessarily to scale, and should not be construed as engineering or architectural reports or surveys. The reproduction of information generated by architects, engineers, or other consultants on any sketches, drawings, or photographs is only for coordination and ease of reference. Inclusion of said information with any drawings or other documents does not constitute a representation Tropical Designs of Florida, Inc. as to the sufficiency or accuracy of said information.

Unless otherwise expressed: a) this report covers only the examined items and their condition at the time of inspection: and b) the inspection is limited to visual examination of accessible items without dissection, excavation, probing, or coring. There is no warranty or guarantee, expressed or implied, that structural problems or deficiencies of plants or property may not arise in the future.

Appendix – H - Certification of Performance

Tropical Designs of Florida, Inc.
Arboricultural and Horticultural Consulting

I, Jeff Shimonski, certify:

- That I have personally inspected the trees and/or the property referred to in this report, and have stated my findings accurately. The extent of the evaluation is stated in the attached report;
- That I have no current or prospective interest in the vegetation or the property that is the subject of this report and have no personal interest or bias with respect to the parties involved;
- That the analysis, opinions, and conclusions stated herein are my own;
- That my analysis, opinions, and conclusions were developed and this report has been prepared according to commonly accepted arboricultural practices;
- That no one provided significant professional assistance to the consultant, except as indicated within the report;
- That my compensation is not contingent upon the reporting of a predetermined conclusion that favors the cause of the client or any other party.

I further certify that I am a member of the American Society of Consulting Arborists and acknowledge, accept, and adhere to the ASCA Standards of Professional Practice. I am an International Society of Arboriculture Certified Municipal Arborist FL-1052AM, am ISA Tree Risk Assessment Qualified and have been involved in the practice of arboriculture and the study of trees for over forty years.

Signed: Jeff Shimonski

Dated: July 19, 2018

1"=30'

INDIAN CREEK CANAL

WOOD PILE

WOOD PILE

LIFT BOAT

S8° 44' 15"E 150.00' P. & M.

12.19'

18.83'

25.53'

WOOD DOCK

3.00'

6.70'

27.79'

Fd. D.H.

3' CONC. SEAWALL

Fd. D.H.

50.00'

3.79'

100.00'

3.76'

0.38'

ON PL

THE N 25' OF LOT - 11

THE S 50' OF LOT - 11

6' C.B.S. WALL

LOT - 10

LOT - 9

3.93'

TILE

6.65'

PAVER

20.96'

6.14'

27.65'

8.69'

3.08'

3.08'

6.15'

16.80'

19.40'

2.00'

TWO STORY RESIDENCE NO. 6431

F.F.ELEV.=6.95'

2.55'

12.17'

6.60'

9.70'

16.47'

20.31'

25.09'

9.65'

11.53'

14.21'

37.15'

36.00'

POOL

6' C.B.S. WALL

BRUNO MARTINO & CLAIRE MARTINO

N81° 15' 45"E 215.50' P. & M.

S81° 15' 45"W 215.50' P. & M.

SHIRLEY L JACOBS TRUST

3.05'

13.75'

36.41'

UTILITY

29.81'

4.21'

40.74'

WOOD UTILITY

18.30'

12.20'

32.85'

5.95'

21.47'

5.50'

2.93'

16.04'

4.45'

18.45'

54.99'

28.15'

10.82'

4.47'

0.47'

5.50'

2.00'

4.78'

7.10'

PLANTER

24.06'

5.01'

5.03'

5.20'

2.96'

10.00'

3.00'

GARAGE F.F.ELEV.=4.03'

PAVER DRIVEWAY

64.06'

40.49'

PAVER DRIVEWAY

ON PL

0.26'

3'X3' COLUMN

5' C.B.S. WALL

W.M.

10.10'

10.08'

Fd. ½" I.P.

50.00'

3.21'

100.00'

2.82'

Fd. NAIL

750.11'

2' VALLEY GUTTER

N8° 44' 15"W 150.00' P. & M.

C.B.

Fd. ½" I.P. @ BLOCK CORNER

10' F.P.L. EASEMENT (ORB.17089 PG.1011)

17.65' ASPHALT PAVEMENT

3.59'

3.82'

3.27'

20.00'

5.00'

ALLISON RD

0.60' CONC. CURB.

30' MEDIAN

10' F.P.L. EASEMENT (ORB.17089 PG.1011)

30.00'

70' TOTAL R/W

10' F.P.L. EASEMENT (ORB.17089 PG.1011)

TREE TABULATION

NUMBER	COMMON NAME	DIAMETER	HEIGHT	CANOPY
①	Unknown	3'	30'	25'
②	Pumeria Tree	1'	16'	13'
③	Plumeria Tre	1'	20'	20'
④	Arborbite	1'	13'	10'
⑤	Palmetto Palm	1'	12'	11'
⑥	Arborbite	1.30'	18'	20'
⑦	Palm	0.70'	23'	6'
⑧	Palm	0.70'	22'	6'
⑨	Palm	0.80'	24'	6'
⑩	COCONUT PALM	0.90'	30'	20'
⑪	ROYAL PALM	1.10'	33'	11'
⑫	ROYAL PALM	1.20'	35'	10'
⑬	Black olive	0.75'	12'	12'
⑭	Black olive	1'	15'	10'
⑮	Black olive	1'	13'	12'
⑯	Mahogany	1.40'	25'	25'
⑰	MAMEY	1'	25'	20'
⑱	Unknown	1.20'	25'	25'
⑲	Cypress	0.50'	18'	4'
⑳	Cypress	0.45'	16'	4'
㉑	Cypress	0.50'	20'	4'
㉒	Cypress	0.50'	20'	4'
㉓	YUCA	1.20'	16'	4'
㉔	Gumbo Limbo	1'	25'	20'
㉕	Unknown	0.45'	18'	6'
㉖	PLUM	0.95'	16'	15'
㉗	Gumbo Limbo	1'	25'	20'
㉘	Gumbo Limbo	1'	30'	25'
㉙	GUAVA	0.60'	12'	10'
㉚	Gumbo Limbo	1.20'	34'	30'