



ALVEY TREE CONSULTING LLC

ALEXIS ALVEY -

ISA BOARD CERTIFIED MASTER ARBORIST®

#NY-5539B

## Arborist Report

1420 22nd Street

Miami Beach

12/19/2022



# Arborist Report

12/19/2022

On November 25th 2022, I visited the property located at 1420 22nd Street at the request of Phyla Studio. I evaluated the trees on the site in anticipation of new construction. For each tree, I identified species, location, and size (Height, Spread, DBH); evaluated condition (Poor, Fair, Good); determined disposition (Remove, Remain, Relocate); determined the Tree Protection Zone for trees to remain; provided relevant comments about health and disposition; and took photographs. Street trees are included. There is a Weeping Ficus hedge that wraps around the west side of the property and the backyard; this hedge is mostly shown on the boundary survey as un-numbered tree symbols. Please see the diagram on the following page.

This report shall in no shape or form be construed as a tree risk assessment which is beyond the scope of work written in the contractual agreement. Please feel free to contact me should any questions arise. Thank-you for the opportunity to assist in this manner.



Alexis Alvey  
ISA Board Certified Master Arborist® #NY-5539B

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**Property Location -**  
1420 22nd Street  
Miami Beach, FL 33140

**Client -**  
Amanda & Daniel Hertzberg  
801-913-4630

NOT TO SCALE

[illegible]



## Tree #1

**Common Name -**  
LIVE OAK

**DBH (in) -** 20.5

**Height (ft) -** 35

**Condition -**  
GOOD

**Scientific Name -**  
*QUERCUS VIRGINIANA*

**Canopy Spread (ft) -** 40

**Disposition -**  
REMAIN - 20FT RADIUS TPZ



Tree #1 is a Live Oak street tree located at the corner of Lake Avenue and 22nd Street. It is in good condition. Old pruning cuts are closing over well. Little deadwood is present. There are some large surface roots. Prune to increase clearance over the street.

## Tree #2

**Common Name -**  
TRAVELER'S PALM

**DBH (in) -** CLUSTER

**Height (ft) -** 35

**Condition -**  
GOOD

**Scientific Name -**  
*RAVENALA MADAGASCARIENSIS*

**Canopy Spread (ft) -** 20

**Disposition -**  
REMOVE



Tree #2 is a Traveler's Palm cluster located at the northeast corner of the house. It is in good condition with some tattered fronds. This tree has not been incorporated into the landscape plan and will therefore be removed.



### Tree #3

**Common Name -**  
LIVE OAK

**DBH (in) -** 15

**Height (ft) -** 30

**Condition -**  
FAIR

**Scientific Name -**  
*QUERCUS VIRGINIANA*

**Canopy Spread (ft) -** 30

**Disposition -**  
REMOVE



Tree #3 is a Live Oak located at the front of the property. It is in fair condition with low vigor. Old pruning cuts are not closing over well and have decay. There are patches on the trunk and limbs where the bark is coming off. Little deadwood is present. This tree is not a good candidate for relocation. This tree has not been incorporated into the landscape plan and will therefore be removed.

### Tree #4

**Common Name -**  
CANARY ISLAND DATE PALM

**DBH (in) -** 20

**Height (ft) -** 40

**Condition -**  
FAIR

**Scientific Name -**  
*PHOENIX CANARIENSIS*

**Canopy Spread (ft) -** 15

**Disposition -**  
REMOVE



Tree #4 is a Canary Island Date Palm street tree located along 22nd Street. It is in fair condition. There are a number of small cavities with decay (circled in red). There is yellowing on the fronds. This tree has not been incorporated into the landscape plan and will therefore be removed.

## Tree #5

**Common Name -**  
CANARY ISLAND DATE PALM

**DBH (in) -** 18  
**Height (ft) -** 30

**Condition -**  
GOOD

**Scientific Name -**  
*PHOENIX CANARIENSIS*

**Canopy Spread (ft) -** 15

**Disposition -**  
REMAIN - 10FT RADIUS TPZ



Tree #5 is a Canary Island Date Palm street tree located along 22nd Street. It is in good condition. There is some yellowing on the fronds.

## Tree #6

**Common Name -**  
PYGMY DATE PALM (DOUBLE)

**DBH (in) -** 3, 4  
**Height (ft) -** 10

**Condition -**  
FAIR

**Scientific Name -**  
*PHOENIX ROEBELENII*

**Canopy Spread (ft) -** 5

**Disposition -**  
REMOVE



Tree #6 is a double Pygmy Date Palm located at the front of the house. It is in fair condition with yellow fronds. This tree has not been incorporated into the landscape plan and will therefore be removed.



## Tree #7,8, 25, 26

**Common Name -**  
WEeping FICUS HEDGE

**DBH (in) -** CLUSTER

**Condition -**  
GOOD

**Scientific Name -**  
*FICUS BENJAMINA*

**Height (ft) -** 20

**Canopy Spread (ft) -** 5

**Disposition -**  
REMAIN - 10FT RADIUS TPZ



Tree #7,8, 25, 26 is a Weeping Ficus hedge that wraps around the majority of the property. It is in good condition with dense, healthy green foliage. The hedge has been routinely trimmed.

## Tree #9

**Common Name -**  
CANARY ISLAND DATE PALM

**DBH (in) -** 24

**Condition -**  
FAIR

**Scientific Name -**  
*PHOENIX CANARIENSIS*

**Height (ft) -** 35

**Canopy Spread (ft) -** 12

**Disposition -**  
REMAIN - 10FT RADIUS TPZ



Tree #9 is a Canary Island Date Palm street tree located at the corner of 22nd Street and Sunset Drive. It is in fair condition - there is a cavity with decay on the trunk (circled in red). There is a trunk constriction and the pseudobark has sloughed off.



## Tree #10

**Common Name -**  
CANARY ISLAND DATE PALM

**Scientific Name -**  
*PHOENIX CANARIENSIS*

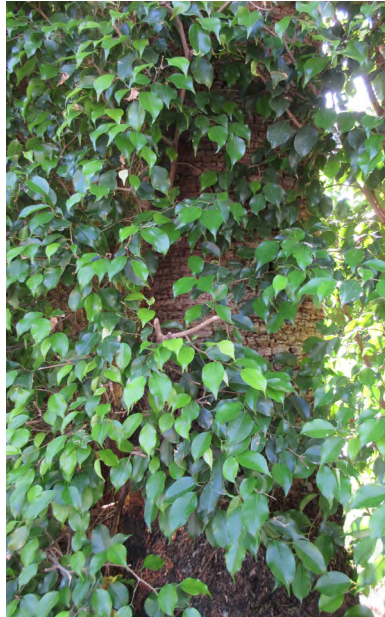
**DBH (in) -** 20

**Height (ft) -** 30

**Canopy Spread (ft) -** 15

**Condition -**  
GOOD

**Disposition -**  
REMAIN - 10FT RADIUS TPZ



Tree #10 is a Canary Island Date Palm street tree located along 22nd Street. It is in good condition with some off-color fronds.

## Tree #11

**Common Name -**  
ROYAL PALM

**Scientific Name -**  
*ROYSTONEA REGIA*

**DBH (in) -** 16

**Height (ft) -** 30

**Canopy Spread (ft) -** 18

**Condition -**  
GOOD

**Disposition -**  
REMAIN - 10FT RADIUS TPZ



Tree #11 is a Royal Palm street tree located along Sunset Drive. It is in good condition with a healthy canopy and straight trunk.



## Tree #12

**Common Name -**  
ROYAL PALM

**DBH (in) -** 16

**Height (ft) -** 27

**Condition -**  
GOOD

**Scientific Name -**  
*ROYSTONEA REGIA*

**Canopy Spread (ft) -** 15

**Disposition -**  
REMAIN - 10FT RADIUS TPZ



Tree #12 is a Royal Palm street tree located along Sunset Drive. It is in good condition with a healthy canopy and straight trunk.

## Tree #13

**Common Name -**  
ROYAL PALM

**DBH (in) -** 16

**Height (ft) -** 35

**Condition -**  
GOOD

**Scientific Name -**  
*ROYSTONEA REGIA*

**Canopy Spread (ft) -** 18

**Disposition -**  
REMAIN - 10FT RADIUS TPZ



Tree #13 is a Royal Palm street tree located along Sunset Drive. It is in good condition with a healthy canopy and straight trunk.



## Tree #14

**Common Name -**  
ROYAL PALM

**Scientific Name -**  
*ROYSTONEA REGIA*

**DBH (in) -** 16

**Height (ft) -** 30

**Canopy Spread (ft) -** 18

**Condition -**  
GOOD

**Disposition -**  
REMAIN - 10FT RADIUS TPZ



Tree #14 is a Royal Palm street tree located along Sunset Drive. It is in good condition with a healthy canopy and straight trunk.

## Tree #15

**Common Name -**  
ROYAL PALM

**Scientific Name -**  
*ROYSTONEA REGIA*

**DBH (in) -** 16

**Height (ft) -** 30

**Canopy Spread (ft) -** 18

**Condition -**  
GOOD

**Disposition -**  
REMAIN - 10FT RADIUS TPZ



Tree #15 is a Royal Palm street tree located along Sunset Drive. It is in good condition with a healthy canopy and straight trunk.



## Tree #16

**Common Name -**  
ROYAL PALM

**Scientific Name -**  
*ROYSTONEA REGIA*

**DBH (in) -** 16

**Height (ft) -** 30

**Canopy Spread (ft) -** 20

**Condition -**  
GOOD

**Disposition -**  
REMAIN - 10FT RADIUS TPZ



Tree #16 is a Royal Palm street tree located along Sunset Drive. It is in good condition with a healthy canopy and straight trunk.

## Tree #17

**Common Name -**  
ROYAL PALM

**Scientific Name -**  
*ROYSTONEA REGIA*

**DBH (in) -** 16

**Height (ft) -** 35

**Canopy Spread (ft) -** 18

**Condition -**  
GOOD

**Disposition -**  
REMAIN - 10FT RADIUS TPZ



Tree #17 is a Royal Palm street tree located along Sunset Drive. It is in good condition with a healthy canopy and straight trunk.

## Tree #18

**Common Name -**  
ROYAL PALM

**DBH (in) -** 17

**Height (ft) -** 30

**Condition -**  
GOOD

**Scientific Name -**  
*ROYSTONEA REGIA*

**Canopy Spread (ft) -** 15

**Disposition -**  
REMAIN - 10FT RADIUS TPZ



Tree #18 is a Royal Palm street tree located along Sunset Drive. It is in good condition with a healthy canopy and straight trunk.

## Tree #19

**Common Name -**  
COCONUT PALM

**DBH (in) -** 14

**Height (ft) -** 50

**Condition -**  
GOOD

**Scientific Name -**  
*COCOS NUCIFERA*

**Canopy Spread (ft) -** 15

**Disposition -**  
REMOVE



Tree #19 is a Coconut Palm located in the backyard. It is in good condition. There are some climbing spike injuries to the trunk. This tree has not been incorporated into the landscape plan and will therefore be removed.



## Tree #20

**Common Name -**  
COCONUT PALM

**Scientific Name -**  
*COCOS NUCIFERA*

**DBH (in) -** 15

**Height (ft) -** 50

**Canopy Spread (ft) -** 15

**Condition -**  
FAIR

**Disposition -**  
REMOVE



Tree #20 is a Coconut Palm located in the backyard. It is in fair condition. There are some climbing spike injuries to the trunk and the trunk is pencilling. This tree has not been incorporated into the landscape plan and will therefore be removed.

## Tree #21

**Common Name -**  
MANGO

**Scientific Name -**  
*MANGIFERA INDICA*

**DBH (in) -** 6

**Height (ft) -** 15

**Canopy Spread (ft) -** 12

**Condition -**  
GOOD

**Disposition -**  
REMOVE



Tree #21 is a Mango located on the west side of the property. It is small and in good condition. It is growing vigorously. This tree has not been incorporated into the landscape plan and will therefore be removed.



Tree #22, 32

Common Name -  
TRAVELER’S PALM

DBH (in) - CLUSTER  
Height (ft) - 30

Condition -  
FAIR

Scientific Name -  
RAVENALA MADAGASCARIENSIS

Canopy Spread (ft) - 20

Disposition -  
REMOVE



Tree #22, 32 is one Traveler’s Palm cluster located at the northwest corner of the house. It is in fair condition with tattered fronds and some pest issues. This tree has not been incorporated into the landscape plan and will therefore be removed.

Tree #23

Common Name -  
NOT ON SITE

DBH (in) - -  
Height (ft) - -

Condition -  
-

Scientific Name -  
-

Canopy Spread (ft) - -

Disposition -  
-

Tree #23 is not located on the site.

## Tree #24

**Common Name -**  
MANGO

**Scientific Name -**  
*MANGIFERA INDICA*

**DBH (in) -** 6

**Height (ft) -** 12

**Canopy Spread (ft) -** 15

**Condition -**  
GOOD

**Disposition -**  
REMAIN - 10FT RADIUS TPZ



Tree #24 is a Mango located on the west side of the property. It is small and in good condition. It is growing vigorously.

## Tree #27

**Common Name -**  
MANGO

**Scientific Name -**  
*MANGIFERA INDICA*

**DBH (in) -** 4

**Height (ft) -** 10

**Canopy Spread (ft) -** 5

**Condition -**  
FAIR

**Disposition -**  
REMOVE



Tree #27 is a Mango located at the southwest corner of the house. It is in fair condition with chlorotic foliage. It is growing through Dracaena #61. This tree has not been incorporated into the landscape plan and will therefore be removed.



## Tree #28

**Common Name -**  
UMBRELLA TREE

**DBH (in) -** 9  
**Height (ft) -** 15

**Condition -**  
FAIR

**Scientific Name -**  
*SCHEFFLERA ACTINOPHYLLA*

**Canopy Spread (ft) -** 8

**Disposition -**  
REMOVE



Tree #28 is an Umbrella Tree located in the backyard. It is in fair condition and is competing with the nearby trees. This species is highly invasive in South Florida and this tree will therefore need to be removed.

## Tree #29

**Common Name -**  
UMBRELLA TREE

**DBH (in) -** 36  
**Height (ft) -** 20  
**Canopy Spread (ft) -** 15

**Condition -**  
GOOD

**Scientific Name -**  
*SCHEFFLERA ACTINOPHYLLA*

**Disposition -**  
REMOVE



Tree #29 is an Umbrella Tree located in the backyard. It is multi-trunked and in good condition with a dense canopy. This species is highly invasive in South Florida and this tree will therefore need to be removed.



## Tree #30

**Common Name -**  
UMBRELLA TREE

**DBH (in) -** 46

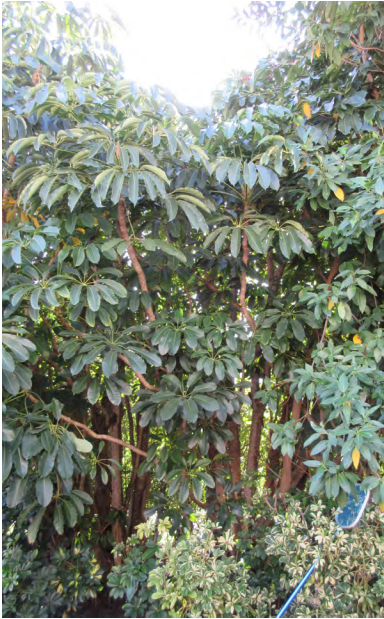
**Height (ft) -** 20

**Condition -**  
GOOD

**Scientific Name -**  
*SCHEFFLERA ACTINOPHYLLA*

**Canopy Spread (ft) -** 15

**Disposition -**  
REMOVE



Tree #30 is an Umbrella Tree located in the backyard. It is multi-trunked and in good condition with a dense canopy. This species is highly invasive in South Florida and this tree will therefore need to be removed.

## Tree #31

**Common Name -**  
UMBRELLA TREE

**DBH (in) -** 5

**Height (ft) -** 12

**Condition -**  
POOR

**Scientific Name -**  
*SCHEFFLERA ACTINOPHYLLA*

**Canopy Spread (ft) -** 3

**Disposition -**  
REMOVE



Tree #31 is an Umbrella Tree located in the backyard. It is in poor condition and is competing with the nearby trees. The tree has been hattracked and there is little canopy remaining. This species is highly invasive in South Florida and this tree will therefore need to be removed.

## Tree #33

**Common Name -**  
ROYAL PALM

**DBH (in) -** 18

**Height (ft) -** 50

**Condition -**  
FAIR

**Scientific Name -**  
*ROYSTONEA REGIA*

**Canopy Spread (ft) -** 15

**Disposition -**  
REMAIN - 10FT RADIUS TPZ



Tree #33 is a Royal Palm located in the backyard. It is in fair condition with a pencilling trunk.

## Tree #34

**Common Name -**  
NOT ON SITE

**DBH (in) -** -

**Height (ft) -** -

**Condition -**  
-

**Scientific Name -**  
-

**Canopy Spread (ft) -** -

**Disposition -**  
-

Tree #34 is not on the site.



## Tree #35-37

**Common Name -**  
TRAVELER'S PALM

**DBH (in) -** CLUSTER

**Height (ft) -** 30

**Condition -**  
GOOD

**Scientific Name -**  
*RAVENALA MADAGASCARIENSIS*

**Canopy Spread (ft) -** 20

**Disposition -**  
REMAIN - 10FT RADIUS TPZ



Tree #35-37 is one Traveler's Palm cluster located in the southeast corner of the backyard. It is in good condition with some tattered and brown fronds.

## Tree #38-40

**Common Name -**  
TRAVELER'S PALM

**DBH (in) -** CLUSTER

**Height (ft) -** 30

**Condition -**  
GOOD

**Scientific Name -**  
*RAVENALA MADAGASCARIENSIS*

**Canopy Spread (ft) -** 20

**Disposition -**  
REMAIN - 10FT RADIUS TPZ



Tree #38-40 is one Traveler's Palm cluster located in the southeast corner of the backyard. It is in good condition with some tattered and brown fronds.



## Tree #41-43

**Common Name -**  
TRAVELER'S PALM

**DBH (in) -** CLUSTER

**Height (ft) -** 35

**Condition -**  
FAIR

**Scientific Name -**  
*RAVENALA MADAGASCARIENSIS*

**Canopy Spread (ft) -** 20

**Disposition -**  
REMAIN - 10FT RADIUS TPZ



Tree #41-43 is one Traveler's Palm cluster located in the southeast corner of the backyard. It is in fair condition with a small canopy, climbing spike injuries, and lower dead fronds.

## Tree #44

**Common Name -**  
STAR FRUIT

**DBH (in) -** 6

**Height (ft) -** 12

**Condition -**  
GOOD

**Scientific Name -**  
*AVERRHOA CARAMBOLA*

**Canopy Spread (ft) -** 10

**Disposition -**  
REMAIN - 10FT RADIUS TPZ



Tree #44 is a Star Fruit tree located in the southeast corner of the backyard. It is in good condition with many fruits. The trunk divides into two with included bark.



## Tree #45

**Common Name -**  
LIVE OAK

**DBH (in) -** 26

**Height (ft) -** 40

**Condition -**  
GOOD

**Scientific Name -**  
*QUERCUS VIRGINIANA*

**Canopy Spread (ft) -** 45

**Disposition -**  
REMAIN - 22.5FT RADIUS TPZ



Tree #45 is a Live Oak street tree located along Lake Avenue. It is located 3.5ft west of the chainlink fence. The tree is in good condition with good vigor. There is one old cavity on the trunk with decay and wetwood that has nearly closed over. Little deadwood is present.

## Tree #46

**Common Name -**  
UMBRELLA TREE

**DBH (in) -** 44

**Height (ft) -** 20

**Condition -**  
GOOD

**Scientific Name -**  
*SCHEFFLERA ACTINOPHYLLA*

**Canopy Spread (ft) -** 15

**Disposition -**  
REMOVE



Tree #46 is an Umbrella Tree located in the backyard. It is in good condition with a dense, green canopy. It is multi-trunked. This species is highly invasive in South Florida and this tree will therefore need to be removed.

## Tree #47

**Common Name -**  
PYGMY DATE PALM

**DBH (in) -** 5

**Height (ft) -** 12

**Condition -**  
GOOD

**Scientific Name -**  
*PHOENIX ROEBELII*

**Canopy Spread (ft) -** 5

**Disposition -**  
REMOVE



Tree #47 is a Pygmy Date Palm located at the rear of the house. It is in good condition. This tree has not been incorporated into the landscape plan and will therefore be removed.

## Tree #48

**Common Name -**  
CHRISTMAS PALM

**DBH (in) -** 6

**Height (ft) -** 18

**Condition -**  
FAIR

**Scientific Name -**  
*ADONIDIA MERRILLII*

**Canopy Spread (ft) -** 6

**Disposition -**  
REMOVE



Tree #48 is a Christmas Palm located at the rear of the house. It is in fair condition with a pencilling trunk. This tree has not been incorporated into the landscape plan and will therefore be removed.



## Tree #49

**Common Name -**  
PYGMY DATE PALM (TRIPLE)

**Scientific Name -**  
*PHOENIX ROEBELENI*

**DBH (in) -** 4, 4, 4

**Height (ft) -** 12

**Canopy Spread (ft) -** 10

**Condition -**  
GOOD

**Disposition -**  
REMOVE



Tree #49 is a triple Pygmy Date Palm located at the rear of the house. It is in good condition. This tree has not been incorporated into the landscape plan and will therefore be removed.

## Tree #50

**Common Name -**  
PYGMY DATE PALM (DOUBLE)

**Scientific Name -**  
*PHOENIX ROEBELENI*

**DBH (in) -** 4, 4

**Height (ft) -** 12

**Canopy Spread (ft) -** 6

**Condition -**  
GOOD

**Disposition -**  
REMOVE



Tree #50 is a double Pygmy Date Palm located at the rear of the house. It is in good condition. This tree has not been incorporated into the landscape plan and will therefore be removed.



## Tree #51

**Common Name -**  
ELEPHANT EAR

**Scientific Name -**  
*ALOCASIA SPP.*

**DBH (in) -** N/A

**Height (ft) -** 10

**Canopy Spread (ft) -** 6

**Condition -**  
GOOD

**Disposition -**  
REMOVE



Tree #51 is an Elephant Ear located at the rear of the house. It is in good condition. This plant has not been incorporated into the landscape plan and will therefore be removed.

## Tree #52

**Common Name -**  
PYGMY DATE PALM

**Scientific Name -**  
*PHOENIX ROEBELENII*

**DBH (in) -** 3

**Height (ft) -** 8

**Canopy Spread (ft) -** 4

**Condition -**  
FAIR

**Disposition -**  
REMOVE



Tree #52 is a Pygmy Date Palm located at the rear of the house. It is in fair condition and is competing with the nearby vegetation. This tree has not been incorporated into the landscape plan and will therefore be removed.



## Tree #53

**Common Name -**  
PYGMY DATE PALM

**Scientific Name -**  
*PHOENIX ROEBELII*

**DBH (in) -** 3

**Height (ft) -** 8

**Canopy Spread (ft) -** 5

**Condition -**  
FAIR

**Disposition -**  
REMOVE



Tree #53 is a Pygmy Date Palm located at the rear of the house. It is in fair condition with a thin canopy. This tree has not been incorporated into the landscape plan and will therefore be removed.

## Tree #54

**Common Name -**  
ALEXANDER PALM (DOUBLE)

**Scientific Name -**  
*PTYCHOSPERMA ELEGANS*

**DBH (in) -** 3, 3

**Height (ft) -** 30

**Canopy Spread (ft) -** 10

**Condition -**  
FAIR

**Disposition -**  
REMOVE



Tree #54 is a double Alexander Palm located at the front of the house. It is in fair condition with chlorotic fronds. This tree has not been incorporated into the landscape plan and will therefore be removed.

## Tree #55

**Common Name -**  
CHINESE FAN PALM

**Scientific Name -**  
*LIVISTONA CHINENSIS*

**DBH (in) -** 7

**Height (ft) -** 20

**Canopy Spread (ft) -** 12

**Condition -**  
FAIR

**Disposition -**  
REMAIN - 10FT RADIUS TPZ



Tree #55 is a Chinese Fan Palm located on the east side of the property. It is in fair condition with leaf skeletonizer damage and yellowing of the fronds.

## Tree #56

**Common Name -**  
CANARY ISLAND DATE PALM

**Scientific Name -**  
*PHOENIX CANARIENSIS*

**DBH (in) -** 20

**Height (ft) -** 20

**Canopy Spread (ft) -** 18

**Condition -**  
GOOD

**Disposition -**  
REMAIN - 10FT RADIUS TPZ



Tree #56 is a Canary Island Date Palm street tree located along 22nd Street. It is in good condition. The foliage is off-color and there may be a pest issue.



## Tree #57

**Common Name -**  
NOT ON SITE

**DBH (in) - -**

**Condition -**  
-

**Height (ft) - -**

**Scientific Name -**  
-

**Canopy Spread (ft) - -**

**Disposition -**  
-

Tree #57 is not on the site.

## Tree #58

**Common Name -**  
PYGMY DATE PALM (TRIPLE)

**DBH (in) - 4, 4, 4**

**Condition -**  
GOOD

**Height (ft) - 12**

**Scientific Name -**  
*PHOENIX ROEBELENI*

**Canopy Spread (ft) - 5**

**Disposition -**  
REMOVE



Tree #58 is a triple Pygmy Date Palm located at the front of the house. It is in good condition. This tree has not been incorporated into the landscape plan and will therefore be removed.

## Tree #59

**Common Name -**  
PYGMY DATE PALM (DOUBLE)

**DBH (in) -** 4, 4  
**Height (ft) -** 12

**Condition -**  
GOOD

**Scientific Name -**  
*PHOENIX ROEBELENI*

**Canopy Spread (ft) -** 6

**Disposition -**  
REMOVE



Tree #59 is a double Pygmy Date Palm located at the rear of the house. It is in good condition. This tree has not been incorporated into the landscape plan and will therefore be removed.

## Tree #60

**Common Name -**  
WEeping FICUS HEDGE

**DBH (in) -** CLUSTER  
**Height (ft) -** 25

**Condition -**  
GOOD

**Scientific Name -**  
*FICUS BENJAMINA*

**Canopy Spread (ft) -** 7

**Disposition -**  
REMAIN - 10FT RADIUS TPZ



Tree #60 is a Weeping Ficus and is part of the hedge that wraps around the property. It is multi-trunked and in good condition.



## Tree #61

**Common Name -**  
DRAGON TREE

**Scientific Name -**  
*DRACAENA MARGINATA*

**DBH (in) -** 18

**Height (ft) -** 20

**Canopy Spread (ft) -** 15

**Condition -**  
POOR

**Disposition -**  
REMOVE



Tree #61 is a Dragon Tree located at the rear southwest corner of the house. It is multi-trunked and in poor condition. The canopy is thin and there is decay in some of the trunks.

This tree has not been incorporated into the landscape plan and will therefore be removed.

## Tree #62

**Common Name -**  
ROYAL POINCIANA

**Scientific Name -**  
*DELONIX REGIA*

**DBH (in) -** 26

**Height (ft) -** 40

**Canopy Spread (ft) -** 50

**Condition -**  
GOOD

**Disposition -**  
REMAIN - 25FT RADIUS TPZ



Tree #62 is a Royal Poinciana located at the front of the property. It is in good condition and has a wide-spreading canopy. Little deadwood is present. There are large surface roots. There are old burls present, formed from heading cuts. There is a large cavity on one of the main limbs with decay that is closing over.

Prune to maintain clearance over the street.

## Tree #63

**Common Name -**  
PYGMY DATE PALM (TRIPLE)

**DBH (in) -** 4, 4, 4

**Height (ft) -** 10

**Condition -**  
GOOD

**Scientific Name -**  
*PHOENIX ROEBELENI*

**Canopy Spread (ft) -** 5

**Disposition -**  
REMOVE



Tree #63 is a triple Pygmy Date Palm located at the front of the house. It is in good condition. This tree has not been incorporated into the landscape plan and will therefore be removed.

## Tree #64

**Common Name -**  
PYGMY DATE PALM (DOUBLE)

**DBH (in) -** 4, 4

**Height (ft) -** 10

**Condition -**  
FAIR

**Scientific Name -**  
*PHOENIX ROEBELENI*

**Canopy Spread (ft) -** 5

**Disposition -**  
REMOVE



Tree #64 is a double Pygmy Date Palm located at the front of the house. It is in fair condition with some yellowing of the fronds. This tree has not been incorporated into the landscape plan and will therefore be removed.



## Tree #65

**Common Name -**  
ALEXANDER PALMS (4)

**DBH (in) -** 3 EACH

**Height (ft) -** 35

**Condition -**  
GOOD

**Scientific Name -**  
*PTYCHOSPERMA ELEGANS*

**Canopy Spread (ft) -** 8

**Disposition -**  
REMOVE



Tree #65 is four Alexander Palms located at the front of the house. They are in good condition. This tree has not been incorporated into the landscape plan and will therefore be removed.

## Tree #66

**Common Name -**  
PYGMY DATE PALM

**DBH (in) -** 4

**Height (ft) -** 12

**Condition -**  
FAIR

**Scientific Name -**  
*PHOENIX ROEBELENII*

**Canopy Spread (ft) -** 8

**Disposition -**  
REMOVE



Tree #66 is a Pygmy Date Palm located at the front of the house. It is in fair condition with a thin canopy. This tree has not been incorporated into the landscape plan and will therefore be removed.

Tree #67

Common Name -  
NOT ON SITE

DBH (in) - -  
Height (ft) - -

Condition -  
-

Scientific Name -  
-

Canopy Spread (ft) - -

Disposition -  
-

Tree #67 is not on the site.

Tree #68

Common Name -  
ELEPHANT EAR

DBH (in) - N/A  
Height (ft) - 10

Condition -  
FAIR

Scientific Name -  
*ALOCASIA SPP.*

Canopy Spread (ft) - 6

Disposition -  
REMOVE



Tree #68 is an Elephant Ear located at the rear of the house. It is in fair condition with some marginal necrosis. This plant has not been incorporated into the landscape plan and will therefore be removed.



## Tree #69

**Common Name -**  
ELEPHANT EAR

**DBH (in) -** N/A

**Height (ft) -** 12

**Condition -**  
FAIR

**Scientific Name -**  
*ALOCASIA SPP.*

**Canopy Spread (ft) -** 6

**Disposition -**  
REMOVE



Tree #69 is an Elephant Ear located at the rear of the house. It is in fair condition with some marginal necrosis. This plant has not been incorporated into the landscape plan and will therefore be removed.

## Tree #70

**Common Name -**  
LYCHEE

**DBH (in) -** 6

**Height (ft) -** 15

**Condition -**  
FAIR

**Scientific Name -**  
*LITCHI CHINENSIS*

**Canopy Spread (ft) -** 15

**Disposition -**  
REMOVE



Tree #70 is a Lychee located in the backyard. It is in fair condition with a dense canopy and some chlorosis. This tree has not been incorporated into the landscape plan and will therefore be removed.



## Tree #71

**Common Name -**  
MORINGA

**DBH (in) -** 8

**Height (ft) -** 15

**Condition -**  
GOOD

**Scientific Name -**  
*MORINGA OLEIFERA*

**Canopy Spread (ft) -** 12

**Disposition -**  
REMOVE



Tree #71 is a Moringa located in the backyard. It is double-trunked and in good condition. This tree has not been incorporated into the landscape plan and will therefore be removed.

## Tree #72

**Common Name -**  
LIME

**DBH (in) -** 5

**Height (ft) -** 8

**Condition -**  
FAIR

**Scientific Name -**  
*CITRUS SPP.*

**Canopy Spread (ft) -** 8

**Disposition -**  
REMOVE



Tree #72 is a small Lime tree located in the backyard. It is in fair condition with chlorosis and some pest issues. This tree has not been incorporated into the landscape plan and will therefore be removed.



# Notes - TPZ Calculations & Tree and Palm Relocation

## Tree Protection Zone (TPZ) -

- For trees and palms that are to remain, protective barriers shall be placed at the dripline or 10ft radius from the trunk, whichever is greater.
- For trees and palms that are relocated, protective barriers shall be placed at the dripline or 1 - 2ft outside the rootball, whichever is greater.

## Tree and Palm Relocation Notes -

1. All phases of transplanting trees and palms to be performed or supervised by Certified Arborist.
2. Trees to be relocated shall be root pruned six to eight weeks prior to transplanting. Landscape Contractor shall maintain transplanted material during construction period by watering, moving, spraying, fertilizing, and pruning.
3. Landscape Contractor is responsible for verifying locations of all underground and overhead utilities and easements prior to commencing work. All utility companies and/or the General Contractor shall be notified to verify locations prior to digging. Utility trenching is to be coordinated with the Landscape Contractor prior to beginning of project. The Owner and Certified Arborist shall not be responsible for damage to utility or irrigation lines.
4. The Landscape Contractor shall comply with all local and state codes and shall be responsible for obtaining all applicable permits.
5. The Landscape Contractor shall regularly inspect the relocated material to ensure compliance with standard horticultural practices.
6. The Landscape Contractor is responsible for guaranteeing the transplanted trees and palms for a period of one year. At the time of the final inspection all transplanted trees and palms that are not in viable condition shall be replaced by the Landscape Contractor.
7. The Landscape Contractor shall take all precautions to minimize shock of root pruning and transplanting in accordance with standard arboriculture practices.
8. The diameter of the root ball to be transplanted shall follow the guidelines set forth in the latest edition of the Florida Grades and Standards for Nursery Plants.
9. Roots shall be cleanly cut with a sharp spade, hand saw, chainsaw, or other approved root-pruning equipment.
10. Trees shall not be pruned at transplanting to compensate for root loss. Any pruning required shall be as per the ANSI A300 Standards.
11. For all palms except Sabal palmetto, only dead fronds shall be removed. Sabal palmetto shall have all fronds cut without damaging the bud. Fronds shall be securely tied around the bud prior to relocation and shall be untied after placement in the new planting hole. The bud shall be protected from damage or injury during relocation.
12. After root pruning trees, backfill roots to original existing grade with existing soil free of any deleterious material to root growth.
13. Provide a layer of 3" mulch over backfill area to prevent weed growth, conserve moisture and prevent evaporation. Keep mulch 6" away from the trunk.
14. Provide tree protection as per Landscape Architect's Tree Protection Detail to ensure that the tree or root system is not damaged during the root-pruning period.
15. After root pruning and prior to relocation, tree(s) shall be watered a minimum of twice weekly.
16. Transplanting shall occur within 24 hours after being dug for relocation. The root ball shall be kept moist.
17. Digging and preparation of the new hole for the transplant shall be done prior to removing the tree from the existing location.
18. The depth of the new hole shall be equal to the depth of the root ball and the width shall be equal to two to three times the width of the root ball.
19. Trees and palms shall be lifted from the ground with heavy equipment designed specifically for tree relocation so that the trunk and crown is not impacted and damaged by the equipment.
20. The slings used to lift the trees and large palms shall be non-binding nylon slings that are wrapped under the root ball to support the weight of tree or palm. Slings shall not be solely wrapped around the trunk of the tree. Padding the sling may be necessary so that the trunk is not damaged.

## Notes - Tree and Palm Relocation (Contd.)

21. Trees and palms shall be planted so that the top of the rootball is flush with the existing grade. Ensure that deep planting does not occur. The tree and palm shall be centrally positioned in the planting hole and set straight, plumb or normal to the growth pattern prior to transplanting.
22. Transplanted trees and palms shall be backfilled with a uniform mix of 25% fully decomposed compost and 75% existing site soil cleaned free of weeds and rocks.
23. Trees and palms shall be watered to eliminate air pockets in the backfill mix prior to mulching.
24. A 4" soil berm shall be created around the edge of the planting hole to hold water, or as per the Landscape Architect's Planting Details.
25. Install tree and palm bracing as per the Landscape Architect's Planting Details, to ensure stability of trees and palms.
26. After transplanting trees and palms, the Landscape Contractor shall be responsible for watering to maintain soil moisture during the guarantee period. The following schedule is suggested: First month - Daily; Second month - 3 times per week; Third and Fourth month - 2 times per week; Last Eight months - 1 time per week. For trees over 4" in caliper at the time of planting, the suggested schedule is: First 6 weeks - Daily; from 1.5 months to 6 months - 3 times per week, last 6 months - 1 time per week.



## Notes - Tree and Palm Protection

1. Fences shall be erected to protect trees and palms to be preserved. Fences define a specific protection zone for each tree or group of trees. Fences shall be installed prior to the beginning of construction and are to remain until all site work has been completed. Fences may not be relocated or removed without the written permission of the Arborist. Refer to the Landscape Architect's Tree Protection Detail.
2. Construction trailers, traffic, and storage areas must remain outside fenced areas at all times.
3. All underground utilities and drain or irrigation lines shall be routed outside the tree protection zone. If lines must traverse the protection area, disturbance shall be minimized by using techniques such as tunneling or boring.
4. No materials, equipment, spoil, or waste or washout water may be deposited, stored, or parked within the tree protection zone.
5. Additional tree pruning required for clearance during construction must be approved by the Certified Arborist and shall be performed by trained arborists, not by construction personnel.
6. If injury should occur to any tree during construction, it should be evaluated as soon as possible by the Landscape Contractor and the Certified Arborist should be notified immediately.
7. Any grading, construction, demolition, or other work that is expected to encounter tree roots must be monitored by the Landscape Contractor.
8. All trees shall be irrigated at least two times a week. Each irrigation session shall wet the soil within the tree protection zone to a depth of 30 inches.
9. Before grading, pad preparation, or excavation for foundations, footings, walls, or trenching near trees the trees shall be root pruned at the edge of the tree protection zone by cutting all roots cleanly to a depth of 36 inches. Roots shall be cut manually by digging a trench and cutting exposed roots with a saw, vibrating knife, rock saw, narrow trencher with sharp blades, or other approved root-pruning equipment.
10. Any roots damaged during grading or construction shall be exposed to sound tissue and cut cleanly with a saw.
11. Spoil from trenches, basements, or other excavations shall not be placed within the tree protection zone, either temporarily or permanently.
12. No burn piles or debris pits shall be placed within the tree protection zone. No ashes, debris, or garbage may be dumped or buried within the tree protection zone.
13. Maintain fire-safe areas around the fences. Also, no heat sources, flames, ignition sources, or smoking is allowed near mulch or trees.
14. Protective barriers shall be placed around each tree, cluster of trees, or the edge of the preservation area at the specified distance. Protective barriers shall be a minimum of four feet above ground level and shall be constructed of wood, plastic, or metal, and shall remain in place until development is completed. Protective barriers shall be in place prior to the start of any construction.
15. Understory plants within protective barriers shall be protected.
16. No excess oil, fill, equipment, building materials or building debris shall be placed within the areas surrounded by protective barriers, nor shall there be disposal of any waste material such as paints, oils, solvents, asphalt, concrete, mortar or any other material harmful to trees or understory plants within the areas surrounded by protective barriers.
17. Trees shall not be braced in such a fashion as to scar, penetrate, perforate or otherwise inflict damage to the tree.
18. Natural grade shall be maintained within protective barriers. In the event that the natural grade of the site is changed as a result of site development such that the safety of the tree may be endangered, tree wells or retaining walls are required.
19. Fences and walls shall be constructed to avoid disturbance to any protected tree. Post holes and trenches located close to trees shall be dug by hand and adjusted as necessary, using techniques such as discontinuous footings, to avoid damage to major roots.

*Note: Trees inherently pose a certain degree of hazard and risk from breakage, failure or other causes and conditions. Recommendations that are made are intended to minimize or reduce such hazardous conditions. However, there can be no guarantee or warranty that efforts to discover or correct unsafe conditions will prevent future breakage or failure, nor can there be any guarantee that all hazardous conditions have been detected. The client should not infer that a tree is safe either because services have been recommended or done to reduce risk, or because no services have been recommended or done on a specific tree. The client assumes any and all risks associated with pursuing consultant's advice and fully understands that he or she is engaged in securing professional consultation regarding the above-mentioned property.*