

TREE COMMISSION TREE REMOVAL REPORT
CITY of KEY WEST

PROPERTY: 3200 N. Roosevelt Blvd (aka Searstown)

APPLICATION NUMBER: TP2024-0012

REQUEST: The property owner is requesting conceptual landscape plan approval to include the removal of trees and palms on the property. The property is being redeveloped to include the demolition of all the existing structures and the construction of a new commercial area.



Photo showing property lines, as per Monroe County Property Appraiser's office.

PROPERTY SUMMARY: The property is currently a busy commercial area that is bounded by streets on the north (N. Roosevelt Blvd), the south (Northside Drive), and to the west (14th Street). To the east is additional retail/commercial area under different ownership.

The proposed project will result in the removal of the following regulated and protected trees and palms; (75) Sabal Palms, (5) Washingtonian Palms, (2) Date Palms, (112) Silver Buttonwood trees, (7) Gumbo limbos, and (9) Yellow Tabebuia trees. Coconut Palms that currently exist along N. Roosevelt Blvd will remain.

TREE ASSESSMENT: The following information documents the existing trees on the property. An existing tree map and full list of trees and palms including photos, of the property was submitted by Cheon Environmental Consulting.

It should be noted that non-native palms such as Date Palms and Christmas Palms greater than 10 ft tall (wood-clear trunk), are regulated and non-native trees such as Yellow Tabebuia greater than 4 inches diameter, are regulated by the City of Key West. Plants that were planted and maintained as hedges are not regulated.

Regulated and protected trees to be directly impacted by the proposed work are listed below along with their possible mitigation values, as per the City of Key West land development regulations.

Sabal Palms (*Sabal palmetto*)

Protected

Total 75 palms being removed (Tree #'s 1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 40, 41, 52, 53, 54, 56, 97, 98, 99, 100, 109, 110, 120, 121, 122, 123, 124, 125, 128, 129, 130, 146, 147, 167, 168, 174, 184, 221, 242, 243, 248, 249, 250, 251, 252, 264, 265, 266, 267, 273, 279, 284, and 292)

Mitigation requirement = one native palm, 4 ft tall OH (overall height) minimum for each palm removed = 75 palms.

Washingtonian Palms (*Washingtonia robusta*)

Regulated if over 10 ft tall CT (clear trunk).

Total 5 palms being removed (Tree #'s 102, 106, 148, 156, and 237)

Mitigation requirement = one native palm, 4 ft tall OH minimum for each palm removed = 5 palms.

Date Palms (*Phoenix ap.*)

Regulated if over 10 ft tall CT.

Total 2 palms being removed (Tree #'s 236 and 246)

Mitigation requirement = one native palm, 4 ft tall OH minimum for each palm removed = 2 palms.

Silver Buttonwood (*Conocarpus erectus*) Total 112 trees being removed.

Tree #34 (Silver) Diameter: 5.5 " dbh

Condition: 50% (overall fair, poor structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 4.1 caliper inches

Tree # 35 (Silver) Diameter: 6.5" dbh

Condition: 50% (overall fair condition, improper pruning, bark damage, poor structure, growth lean)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 4.9 caliper inches

Tree # 36 (Silver) Diameter: 7" dbh

Condition: 50% (overall fair condition, improper canopy pruning, poor structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 5.3 caliper inches

Tree #37 (Silver) Diameter: 6" dbh

Condition: 50% (overall fair condition, improper canopy pruning, poor structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 4.5 caliper inches

Tree #38 (Silver) Diameter: 4.75" dbh

Condition: 50% (overall fair condition, improper canopy pruning, poor structure, terminal branch die-off)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 3.6 caliper inches

Tree #39 (Silver) Diameter: 4.75" dbh

Condition: 50% (overall fair condition, improper canopy pruning, poor structure, terminal branch die-off)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 3.6 caliper inches

Tree #42 (Silver) Diameter: 3" dbh

Condition: 40% (overall poor condition, improper canopy pruning-topped)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 73%

Required Mitigation: 2.1 caliper inches

Tree # 43 (Silver) Diameter: 3.25" dbh

Condition: 50% (overall fair condition, improper canopy pruning-topped and very dense)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 2.4 caliper inches

Tree #44 (Silver) Diameter: 5.5" dbh

Condition: 50% (overall fair health, poor structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 4.1 caliper inches

Tree # 45 (Silver) Diameter: 4.35" dbh

Condition: 50% (overall fair condition, improper canopy pruning, poor structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 3.3 caliper inches

Tree #46 (Silver) Diameter: 4.5" dbh

Condition: 50% (overall fair condition, improper canopy pruning-shaped)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 3.4 caliper inches

Tree # 47 (Silver) Diameter: 6" dbh

Condition: 50% (overall fair condition, sprawling tree with tip die back)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 4.5 caliper inches

Tree #48 (Silver) Diameter: 5.7" dbh

Condition: 50% (overall fair condition, poor structure, trunk damage)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 4.3 caliper inches

Tree #49 (Silver) Diameter: 5.5" dbh

Condition: 50% (overall fair condition, poor structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 4.1 caliper inches

Tree #50 (Silver) Diameter: 3.75" dbh

Condition: 50% (overall fair condition, poor structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 2.8 caliper inches

Tree #51 (Silver) Diameter: 5.25" dbh

Condition: 50% (overall fair condition, improper canopy pruning-shaped, poor structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 3.9 caliper inches

Tree #55 (Silver) Diameter: 8" dbh

Condition: 50% (overall fair condition, improper canopy pruning)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 6 caliper inches

Tree #57 (Silver) Diameter: 4" dbh

Condition: 40% (overall poor condition, improper canopy pruning, tip die back, poor structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 73%

Required Mitigation: 2.9 caliper inches

Tree #58 (Silver) Diameter: 4.75" dbh

Condition: 50% (overall fair condition, improper canopy pruning, poor structure-included bark)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 3.6 caliper inches

Tree #59 (Silver) Diameter: 5.5" dbh

Condition: 50% (overall fair condition, improper canopy pruning, tip die back, poor structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 4.1 caliper inches

Tree #60 (Silver) Diameter: 5.25" dbh

Condition: 40% (overall poor condition, improper pruning-poor structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 73%

Required Mitigation: 3.8 caliper inches

Tree #61 (Silver) Diameter: 3.75" dbh

Condition: 50% (overall fair condition, poor canopy structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 2.8 caliper inches

Tree #62 (Silver) Diameter: 4.75" dbh

Condition: 40% (overall poor condition, poor structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 73%

Required Mitigation: 3.4 caliper inches

Tree #63 (Silver) Diameter: 3.5" dbh

Condition: 50% (overall fair condition, improper canopy pruning-shaped, poor structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 2.6 caliper inches

Tree #64 (Silver) Diameter: 4" dbh

Condition: 60% (overall fair condition, improper canopy pruning-shaped)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 80%

Required Mitigation: 3.2 caliper inches

Tree #65 (Silver) Diameter: 7.5" dbh

Condition: 50% (overall fair condition, poor structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 5.7 caliper inches

Tree # 66 (Silver) Diameter: 7" dbh

Condition: 50% (overall fair condition, poor structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 5.3 caliper inches

Tree #67 (Silver) Diameter: 3.75" dbh

Condition: 50% (overall fair condition, poor canopy structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 2.8 caliper inches

Tree #68 (Silver) Diameter: 4" dbh

Condition: 40% (overall poor condition, poor structure, tip die back)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 73%

Required Mitigation: 2.9 caliper inches

Tree #69 (Silver) Diameter: 3.5" dbh

Condition: 40% (overall poor condition, poor structure, tip die back)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 73%

Required Mitigation: 2.5 caliper inches

Tree #70 (Silver) Diameter: 4.25" dbh

Condition: 40% (overall fair to poor condition, poor structure, tip die back)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 73%

Required Mitigation: 3.1 caliper inches

Tree #71 (Silver) Diameter: 3.25" dbh

Condition: 40% (overall fair to poor condition, poor structure, tip die back)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 73%

Required Mitigation: 2.3 caliper inches

Tree #72 (Silver) Diameter: 4.5" dbh

Condition: 40% (overall poor condition, poor structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 73%

Required Mitigation: 3.2 caliper inches

Tree #73 (Silver) Diameter: 6.25" dbh

Condition: 50% (overall fair condition, improper canopy pruning-shaped)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 4.7 caliper inches

Tree #74 (Silver) Diameter: 5" dbh

Condition: 50% (overall fair to poor condition, improper canopy pruning-shaped, poor structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 3.8 caliper inches

Tree #75 (Silver) Diameter: 5" dbh

Condition: 40% (overall poor condition, poor structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 73%

Required Mitigation: 3.6 caliper inches

Tree #76 (Silver) Diameter: 8" dbh

Condition: 50% (overall fair condition, poor structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 6 caliper inches

Tree #77 (Silver) Diameter: 3.5" dbh

Condition: 50% (overall fair condition, poor trunk structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 2.6 caliper inches

Tree #78 (Silver) Diameter: 2.75" dbh

Condition: 40% (overall poor condition, poor structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 73%

Required Mitigation: 2 caliper inches

Tree #79 (Silver) Diameter: 6.75" dbh

Condition: 60% (overall fair to good condition)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 80%

Required Mitigation: 5.4 caliper inches

Tree #80 (Silver) Diameter: 4.5" dbh

Condition: 50% (overall fair condition, poor structure, growth lean)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 3.4 caliper inches

Tree #81 (Silver) Diameter: 4" dbh

Condition: 50% (overall fair condition, co-dominant trunks)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 3 caliper inches

Tree #82 (Silver) Diameter: 5" dbh

Condition: 50% (overall fair condition, poor structure with included bark)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 3.8 caliper inches

Tree # 83 (Silver) Diameter: 6.75" dbh

Condition: 40% (overall fair to poor condition, tip die back)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 73%

Required Mitigation: 4.9 caliper inches

Tree #84 (Silver) Diameter: 6.75" dbh

Condition: 50% (overall fair condition)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 5.1 caliper inches

Tree #85 (Silver) Diameter: 4" dbh

Condition: 50% (overall fair condition, codominant trunks)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 3 caliper inches

Tree #87 (Silver) Diameter: 5.5" dbh

Condition: 50% (overall fair condition, poor canopy structure with tip die back)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 4.1 caliper inches

Tree #88 (Silver) Diameter: 4" dbh

Condition: 50% (overall fair condition, poor trunk structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 3 caliper inches

Tree #89 (Silver) Diameter: 4" dbh

Condition: 40% (overall fair to poor condition, poor structure with sprawling canopy, tip die back)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 73%

Required Mitigation: 2.9 caliper inches

Tree #90 (Silver) Diameter: 4" dbh

Condition: 50% (overall fair condition)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 3 caliper inches

Tree #94 (Silver) Diameter: 3" dbh

Condition: 40% (overall poor condition, poor structure with growth lean)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 73%

Required Mitigation: 2.1 caliper inches

Tree #95 (Silver) Diameter: 5.25" dbh

Condition: 50% (overall fair condition, poor structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 3.9 caliper inches

Tree #96 (Silver) Diameter: 3.5 " dbh

Condition: 50% (overall fair condition, two separate trunks from one root ball, improper maintenance trim)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 2.6 caliper inches

Tree #107 (Silver) Diameter: 5.5" dbh

Condition: 50% (overall fair condition)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 4.1 caliper inches

Tree #108 (Silver) Diameter: 6" dbh

Condition: 60% (overall good health, poor structure)

Location: 80% (growing in parking lot planter, very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 80%

Required Mitigation: 4.8 caliper inches

Tree #127 (Silver) Diameter: 8" dbh

Condition: 50% (overall fair condition, poor structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 6 caliper inches

Tree #131 (Silver) Diameter: 4.5" dbh

Condition: 50% (overall fair condition, poor structure-multiple trunks)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 3.4 caliper inches

Tree #132 (Silver) Diameter: 5.25 " dbh

Condition: 50% (overall fair condition, poor structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 3.9 caliper inches

Tree #133 (Silver) Diameter: 4.75 “ dbh

Condition: 40% (overall fair health, poor structure-two trunks, poorly trimmed)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 73%

Required Mitigation: 3.4 caliper inches

Tree #134 (Silver) Diameter: 5.25“ dbh

Condition: 50% (overall fair condition, poor structure-multiple trunks)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 3.9 caliper inches

Tree #135 (Silver) Diameter: 2.5“ dbh

Condition: 50% (overall fair condition, poor structure-multiple trunks)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 1.9 caliper inches

Tree #136 (Silver) Diameter: 4.75“ dbh

Condition: 50% (overall fair condition, poor structure-multiple trunks)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 3.6 caliper inches

Tree #137 (Silver) Diameter: 5.75“ dbh

Condition: 50% (overall fair condition, two trunks-poor structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 4.3 caliper inches

Tree #138 (Silver) Diameter: 3.5“ dbh

Condition: 70% (overall good condition)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 83%

Required Mitigation: 2.9 caliper inches

Tree #139 (Silver) Diameter: 4.5“ dbh

Condition: 50% (overall fair condition, poor structure-multiple trunks)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 3.4 caliper inches

Tree #140 (Silver) Diameter: 2.75" dbh

Condition: 50% (overall fair condition, poor canopy structure, growth lean)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 2 caliper inches

Tree #141 (Silver) Diameter: 3.5" dbh

Condition: 50% (overall fair condition, two trunks-poor structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 2.6 caliper inches

Tree #142 (Silver) Diameter: 5.5" dbh

Condition: 50% (overall fair condition, poor structure, canopy shaped)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 4.1 caliper inches

Tree #143 (Silver) Diameter: 2.5" dbh

Condition: 40% (overall fair to poor condition, poor structure, growth lean)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 73%

Required Mitigation: 1.8 caliper inches

Tree #144 (Silver) Diameter: 3" dbh

Condition: 40% (overall fair to poor condition, poor structure, growth lean)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 73%

Required Mitigation: 2.1 caliper inches

Tree #145 (Silver) Diameter: 2.75" dbh

Condition: 50% (overall fair condition, poor canopy structure, growth lean)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 2 caliper inches

Tree #150 (Silver) Diameter: 5.5" dbh

Condition: 50% (overall fair condition, poor structure-multiple trunks)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 4.1 caliper inches

Tree #152 (Silver) Diameter: 4.5 “ dbh

Condition: 40% (overall poor condition, poor structure, roots exposed)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 73%

Required Mitigation: 3.2 caliper inches

Tree #153 (Silver) Diameter: 3.75“ dbh

Condition: 40% (overall fair to poor condition, poor structure-multiple trunks)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 73%

Required Mitigation: 2.7 caliper inches

Tree #155 (Silver) Diameter: 5.5“ dbh

Condition: 50% (overall fair condition, poor structure-multiple trunks)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 4.1 caliper inches

Tree #157 (Silver) Diameter: 4“ dbh

Condition: 50% (overall fair condition, poor structure-multiple trunks)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 4.1 caliper inches

Tree #158 (Silver) Diameter: 6“ dbh

Condition: 50% (overall fair condition)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 4.5 caliper inches

Tree #159 (Silver) Diameter: 5“ dbh

Condition: 40% (overall fair to poor condition, poor structure, canopy die back)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 73%

Required Mitigation: 3.6 caliper inches

Tree #160 (Silver) Diameter: 4.25“ dbh

Condition: 50% (overall fair condition, sprawling tree structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 3.2 caliper inches

Tree #162 (Silver) Diameter: 8" dbh

Condition: 60% (overall good condition, fair structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 80%

Required Mitigation: 6.4 caliper inches

Tree #163 (Silver) Diameter: 5" dbh

Condition: 50% (overall fair condition, poor structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 3.9 caliper inches

Tree #164 (Silver) Diameter: 4" dbh

Condition: 40% (overall fair condition, poor structure-canopy shaped)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 73%

Required Mitigation: 2.9 caliper inches

Tree #165 (Silver) Diameter: 5.25" dbh

Condition: 50% (overall fair condition, poor structure-canopy shaped)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 3.9 caliper inches

Tree #166 (Silver) Diameter: 4" dbh

Condition: 50% (overall fair condition, poor structure-canopy shaped)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 3 caliper inches

Tree #169 (Silver) Diameter: 4.5" dbh

Condition: 50% (overall fair condition, poor structure-poor maintenance of tree)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 3.4 caliper inches

Tree #170 (Silver) Diameter: 2.5" dbh

Condition: 50% (overall fair condition, poor structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 1.9 caliper inches

Tree #171(Silver) Diameter: 3“ dbh

Condition: 50% (overall fair condition, poor structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 2.2 caliper inches

Tree #173 (Silver) Diameter: 2.5“ dbh

Condition: 60% (overall fair to good condition, improper canopy trim)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 80%

Required Mitigation: 2 caliper inches

Tree #197 (Silver) Diameter: 9“ dbh

Condition: 50% (overall fair condition, canopy tip die back)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 6.8 caliper inches

Tree #198 (Silver) Diameter: 6.75“ dbh

Condition: 50% (overall fair condition)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 5.1 caliper inches

Tree #199 (Silver) Diameter: 5.5“ dbh

Condition: 50% (overall fair condition, poor structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 4.1 caliper inches

Tree #200 (Silver) Diameter: 5“ dbh

Condition: 50% (overall fair condition, growth lean, improperly trimmed)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 3.8 caliper inches

Tree #202 (Silver) Diameter: 7.25“ dbh

Condition: 30% (overall poor condition, poor structure, damage in main trunk)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 70%

Required Mitigation: 5 caliper inches

Tree #203 (Silver) Diameter: 4.5" dbh

Condition: 50% (overall fair condition, canopy improperly trimmed)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 3.4 caliper inches

Tree #204 (Silver) Diameter: 8.25" dbh

Condition: 60% (overall fair to good condition, sprawling canopy structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 80%

Required Mitigation: 6.6 caliper inches

Tree #205 (Silver) Diameter: 9.25" dbh

Condition: 60% (overall fair to good condition, canopy improperly trimmed)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 80%

Required Mitigation: 7.4 caliper inches

Tree #228 (Silver) Diameter: 4.75" dbh

Condition: 40% (overall fair to poor condition)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 73%

Required Mitigation: 3.4 caliper inches

Tree #229 (Silver) Diameter: 4" dbh

Condition: 50% (overall fair condition, two trunks-poor structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 3 caliper inches

Tree #230 (Silver) Diameter: 3.5" dbh

Condition: 40% (overall fair condition, poor structure-multiple trunks, poorly maintained)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 73%

Required Mitigation: 2.5 caliper inches

Tree #231 (Silver) Diameter: 3.5" dbh

Condition: 40% (fair health, two trunks-poor structure, poorly trimmed)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 73%

Required Mitigation: 2.5 caliper inches

Tree #232 (Silver) Diameter: 3.75" dbh

Condition: 40% (overall poor condition, two trunks-poor structure, decay in trunks)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 73%

Required Mitigation: 2.7 caliper inches

Tree #233 (Silver) Diameter: 4" dbh

Condition: 50% (fair health, poor structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 3 caliper inches

Tree #234 (Silver) Diameter: 5.5" dbh

Condition: 40% (overall fair condition, poor canopy structure-improperly trimmed, trunk damage)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 73%

Required Mitigation: 4 caliper inches

Tree #235 (Silver) Diameter: 6" dbh

Condition: 50% (overall fair condition, improper trimming of canopy)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 4.5 caliper inches

Tree #239 (Silver) Diameter: 5" dbh

Condition: 60% (good health, fair structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 80%

Required Mitigation: 4 caliper inches

Tree #240 (Silver) Diameter: 4.75" dbh

Condition: 50% (overall fair condition, growth lean)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 3.6 caliper inches

Tree #245 (Silver) Diameter: 4.5" dbh

Condition: 60% (overall good condition, canopy not maintained properly)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 80%

Required Mitigation: 3.6 caliper inches

Tree #253 (Silver) Diameter: 5" dbh

Condition: 50% (overall fair condition)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 3.8 caliper inches

Tree #254 (Silver) Diameter: 5.75" dbh

Condition: 50% (overall fair condition)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 4.3 caliper inches

Tree #255 (Silver) Diameter: 6.25" dbh

Condition: 50% (overall fair condition, canopy improperly trimmed)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 4.7 caliper inches

Tree #257 (Silver) Diameter: 4.75" dbh

Condition: 50% (overall fair condition, poor canopy structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 3.6 caliper inches

Tree #259 Diameter: 4.5" dbh

Condition: 50% (overall fair condition)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 76%

Required Mitigation: 3.4 caliper inches

Gumbo Limbo (*Bursera simaruba*) Total 7 trees being removed.

Tree #86 Diameter: 3.5" dbh

Condition: 50% (overall fair, poor maintenance, young tree)

Location: 50% (growing along structure in enclosed area)

Species: 100% (on City of KW protected tree list)

Tree Value: 66%

Required Mitigation: 2.3 caliper inches

Tree #103 Diameter: 2.5" dbh ("shrub", no central leader -not regulated)

Tree #104 Diameter: 4.25" dbh

Condition: 60% (overall fair health, poor structure, 2 trunks on one root ball)

Location: 60% (growing in parking lot planter immediately next to tree #105-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 73%

Required Mitigation: 3.1 caliper inches

Tree #105 Diameter: 5" dbh

Condition: 60% (overall fair health, poor structure, 2 trunks on one root ball)

Location: 60% (growing in parking lot planter immediately next to tree #104-very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 73%

Required Mitigation: 3.6 caliper inches

Tree #126 Diameter: 7.75" dbh

Condition: 50% (overall fair to poor health, poor structures)

Location: 60% (growing in parking lot planter, two trunks in one root ball-future growth to be compromised by other trunk, very visible to public.)

Species: 100% (on City of KW protected tree list)

Tree Value: 70%

Required Mitigation: 5.4 caliper inches

Tree #149 Diameter: 6" dbh

Condition: 60% (overall fair, poor structure-two trunks)

Location: 80% (growing in parking lot planter, very visible to public)

Species: 100% (on City of KW protected tree list)

Tree Value: 80%

Required Mitigation: 4.8 caliper inches

Tree #151 Diameter: 1.5" dbh

Condition: 50% (overall fair to poor, poor structure, young tree)

Location: 60% (growing in parking lot planter in canopy of silver buttonwood, very visible to public)

Species: 100% (on City of KW protected tree list)

Tree Value: 70%

Required Mitigation: 1 caliper inches

Tree #154 Diameter: 4.75" dbh

Condition: 30% (overall poor condition, poor structure, growth lean, no canopy)

Location: 80% (growing in parking lot planter, very visible to public)

Species: 100% (on City of KW protected tree list)

Tree Value: 70%

Required Mitigation: 3.3 caliper inches

Yellow Tabebuia (Tabebuia sp.) Total 9 trees being removed.

Tree #172 Diameter: 8.75" dbh

Condition: 60% (overall fair condition)

Location: 80% (growing in parking lot planter, very visible tree)

Species: 50% (not on City of KW protected or not protected tree list)

Tree Value: 63%

Required Mitigation: 5.5 caliper inches

Tree #256 Diameter: 7" dbh

Condition: 30% (overall poor condition)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 50% (not on City of KW protected or not protected tree list)

Tree Value: 53%

Required Mitigation: 3.7 caliper inches

Tree #258 Diameter: 7.75" dbh

Condition: 40% (overall fair to poor condition, poor structure with tip die back)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 50% (not on City of KW protected or not protected tree list)

Tree Value: 56%

Required Mitigation: 4.3 caliper inches

Tree #260 Diameter: 7.5" dbh

Condition: 30% (overall poor condition)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 50% (not on City of KW protected or not protected tree list)

Tree Value: 53%

Required Mitigation: 3.9 caliper inches

Tree #261 Diameter: 7.5" dbh

Condition: 40% (overall fair to poor condition)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 50% (not on City of KW protected or not protected tree list)

Tree Value: 56%

Required Mitigation: 4.2 caliper inches

Tree #262 Diameter: 7.75" dbh

Condition: 30% (overall poor condition)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 50% (not on City of KW protected or not protected tree list)

Tree Value: 53%

Required Mitigation: 4.1 caliper inches

Tree #263 Diameter: 7" dbh

Condition: 30% (overall poor condition and structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 50% (not on City of KW protected or not protected tree list)

Tree Value: 53%

Required Mitigation: 3.7 caliper inches

Tree #268 Diameter: 7.75" dbh

Condition: 40% (overall fair to poor condition)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 50% (not on City of KW protected or not protected tree list)

Tree Value: 56%

Required Mitigation: 4.3 caliper inches

Tree #269 Diameter: 4.5" dbh

Condition: 30% (overall poor condition and structure)

Location: 80% (growing in parking lot planter-very visible to public.)

Species: 50% (not on City of KW protected or not protected tree list)

Tree Value: 53%

Required Mitigation: 2.3 caliper inches

LANDSCAPE PLAN REVIEW: The proposed project with the requested tree and palm removals, if approved, will require the replanting of 82 native palms, 4 ft tall each palm, and 471.6 caliper inches of approved trees as mitigation.

The proposed landscape plan includes the planting of (116) Gumbo Limbos, (94) Green Buttonwood trees, (25) Shortleaf Fig trees, (11) Strangler Fig trees, (37) Jamaican Dogwood trees, (2) Mastic trees, (78) Wild Tamarinds, (60) Sea Grape, (26) Pigeon Plum, (31) Blolly trees, (43) Satinleaf, (10) Spicewood, (10) Cinnamon Bark, (16) Spanish Stoppers, and (16) Simpson Stoppers for a total of 3,449 caliper inches of mitigation credit and the planting of (19) Coconut Palms, (60) Royal Palms, (67) Sabal Palms, and (59) Thatch Palms for a mitigation credit of 506 palms.

The landscape plan creates shade areas throughout the property including adjacent to the public sidewalk/street areas of 14th Street and Northside Drive and enhances the existing planting area along N. Roosevelt Blvd. The proposed conceptual landscape plan incorporates all the required mitigation in its plan and is over 70% native vegetation. The proposed conceptual landscape plan does meet the requirements of Tree Commission review and approval.

PREPARED BY:

Karen DeMaria

Consulting Arborist/Senior Environmental Scientist

Terramar Environmental Services, Inc.

1241 Crane Boulevard

Sugarloaf Key, Florida 33042

KWTreelady@gmail.com