

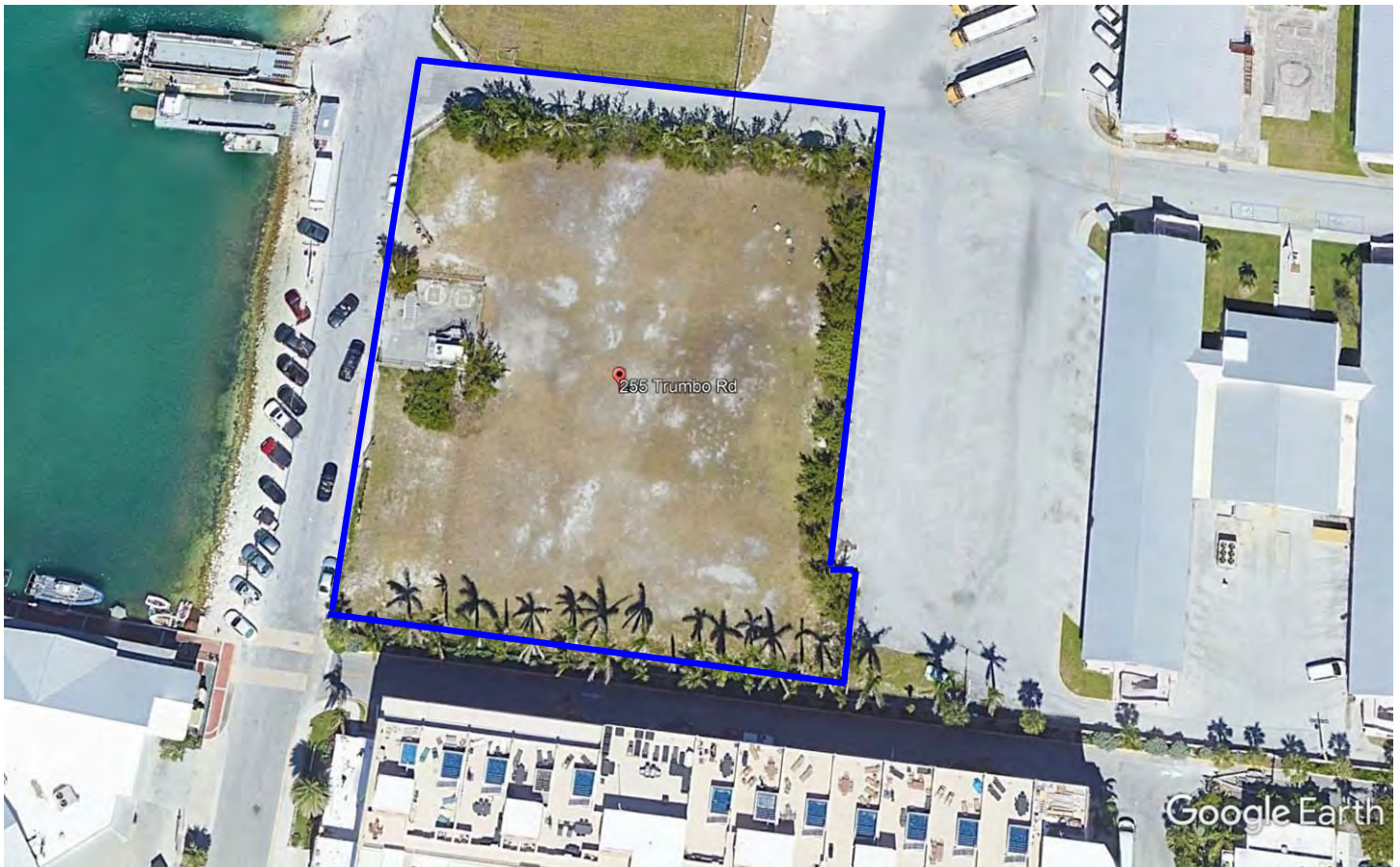
STAFF REPORT

DATE: April 7, 2022

RE: 255 Trumbo Road (application # TP2022-0003)

FROM: Karen DeMaria, City of Key West Urban Forestry Manager

An application was received requesting the removal of (18) Green Buttonwoods, (1) young Fiddlewood, and (1) young Gumbo Limbo tree, the transplantation of (9) Royal Palms, and the heavy maintenance trim of (2) Green Buttonwoods in regards to a major development plan to create affordable housing for Monroe County Sheriff's Department Employees. A site inspection was done and documented the following:



Google Earth photo of property showing approximate location of property lines.

Tree Species: Green Buttonwood (*Conocarpus erectus*)



Tree #4-two photos of tree

Diameter: 11"

Location: 80% (growing close to property line along and existing access road, very visible)

Species: 100% (on protected tree list)

Condition: 60% (fair)

Total Average Value = 80%

Value x Diameter = 8.8
replacement caliper
inches





Tree #6-two photos of trees

Diameter: 12"

Location: 80% (growing close to property line along and existing access road, very visible)

Species: 100% (on protected tree list)

Condition: 40% (poor structure-top main leader missing)

Total Average Value = 73%

Value x Diameter = 8.7
replacement caliper inches





Tree #7-two photos of tree

Diameter: 11"

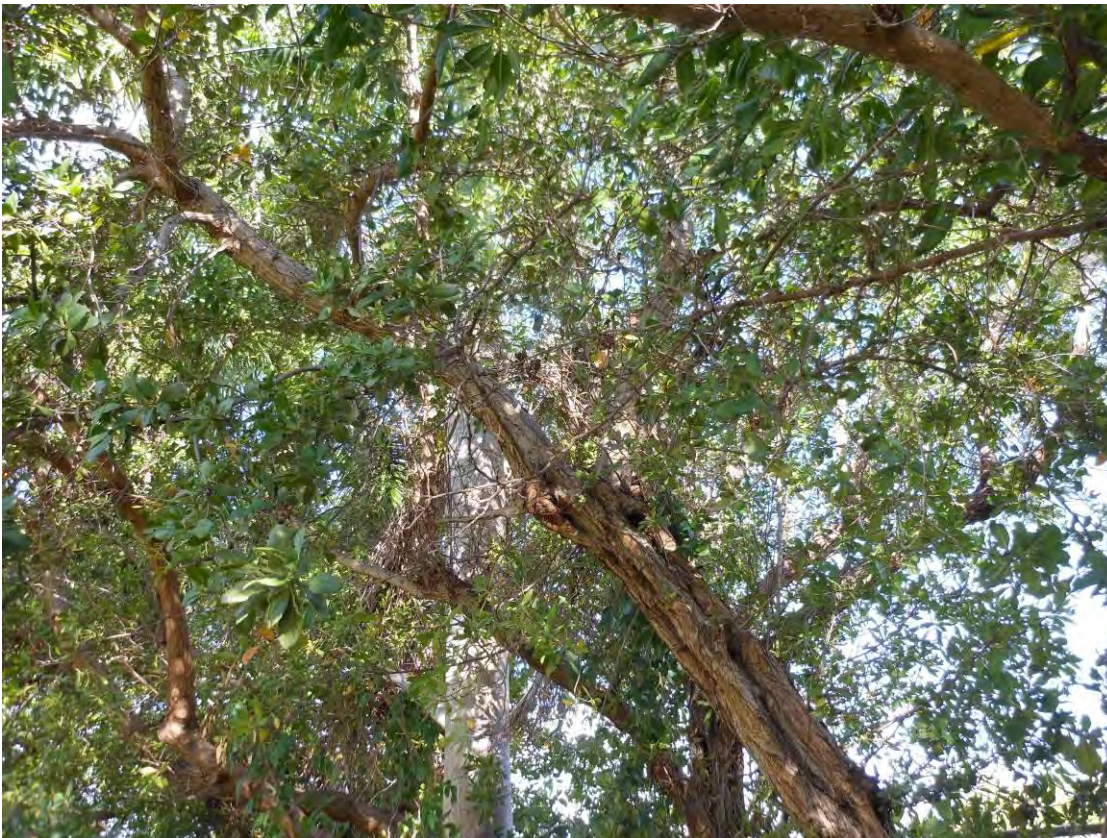
Location: 80% (growing close to property line along and existing access road, very visible)

Species: 100% (on protected tree list)

Condition: 40% (poor structure, heavy growth lean)

Total Average Value = 73%

Value x Diameter = 8
replacement caliper
inches





Tree #9-two photos of tree

Diameter: 9"

Location: 80% (growing close to property line along and existing access road, very visible)

Species: 100% (on protected tree list)

Condition: 40% (poor structure)

Total Average Value = 73%

Value x Diameter = 6.5 replacement caliper inches





Tree #10-one photo of tree

Diameter: 9"

Location: 80% (growing close to property line along and existing access road, very visible)

Species: 100% (on protected tree list)

Condition: 60% (fair)

Total Average Value = 80%

Value x Diameter = 7.2 replacement caliper inches

Tree #13-one photo of tree

Diameter: 11"

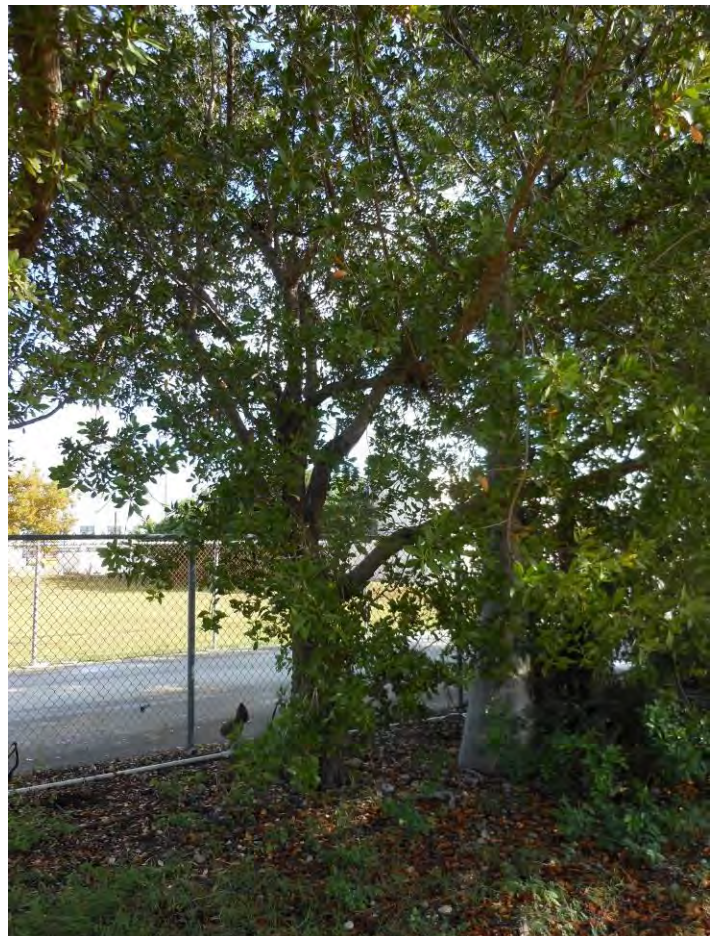
Location: 80% (growing close to property line along and existing access road, very visible)

Species: 100% (on protected tree list)

Condition: 60% (fair)

Total Average Value = 80%

Value x Diameter = 8.8 replacement caliper inches





Tree #12-two photos of tree

Diameter: 15"

Location: 80% (growing close to property line along and existing access road, very visible)

Species: 100% (on protected tree list)

Condition: 60% (fair)

Total Average Value = 80%

Value x Diameter = 12 replacement caliper inches





Tree #15-two photos of tree

Diameter: 10"

Location: 80% (growing close to property line along and existing access road, very visible)

Species: 100% (on protected tree list)

Condition: 60% (fair)

Total Average Value = 80%

Value x Diameter = 8 replacement caliper inches





Tree #16-two photos of tree

Diameter: 8"

Location: 80% (growing close to property line along and existing access road, very visible)

Species: 100% (on protected tree list)

Condition: 60% (fair)

Total Average Value = 80%

Value x Diameter = 6.4
replacement caliper
inches





Tree #18-two photos of tree

Diameter: 15"

Location: 80% (growing close to property line along and existing access road, very visible)

Species: 100% (on protected tree list)

Condition: 40% (poor strcuture)

Total Average Value = 73%

Value x Diameter = 10.9 replacement caliper inches





Tree #19-two photos of tree

Diameter: 11"

Location: 80% (growing close to property line along and existing access road, very visible)

Species: 100% (on protected tree list)

Condition: 60% (poor structure-trunk wound)

Total Average Value = 73%

Value x Diameter = 8 replacement caliper inches





Tree #21-two photos of tree

Diameter: 12"

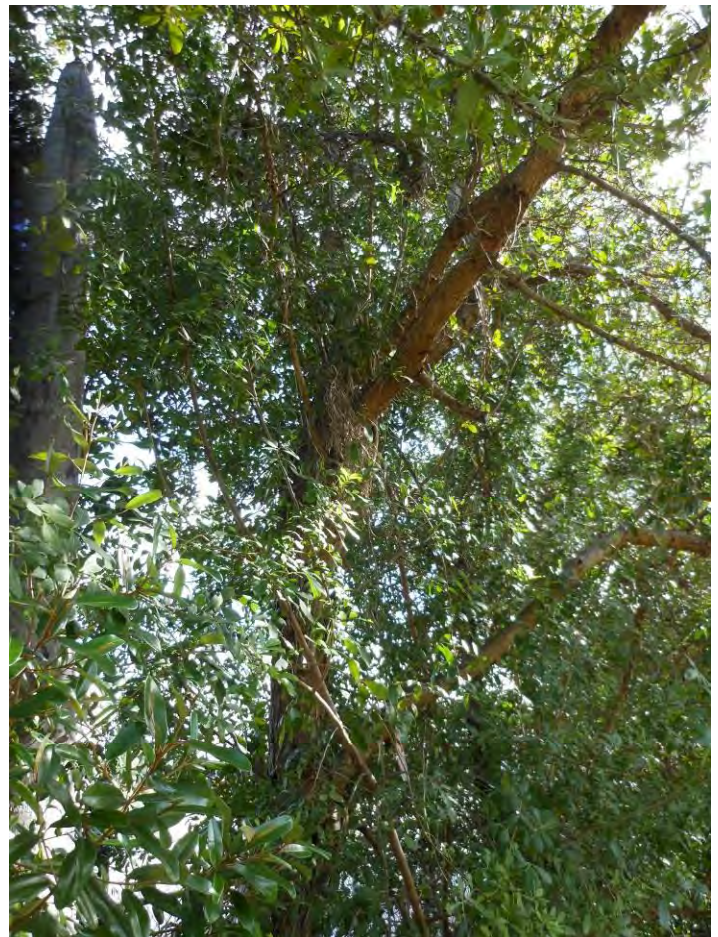
Location: 80% (growing close to property line along and existing access road, very visible)

Species: 100% (on protected tree list)

Condition: 60% (fair)

Total Average Value = 80%

Value x Diameter = 9.6
replacement caliper
inches





Tree #22-two photos of tree

Diameter: 8"

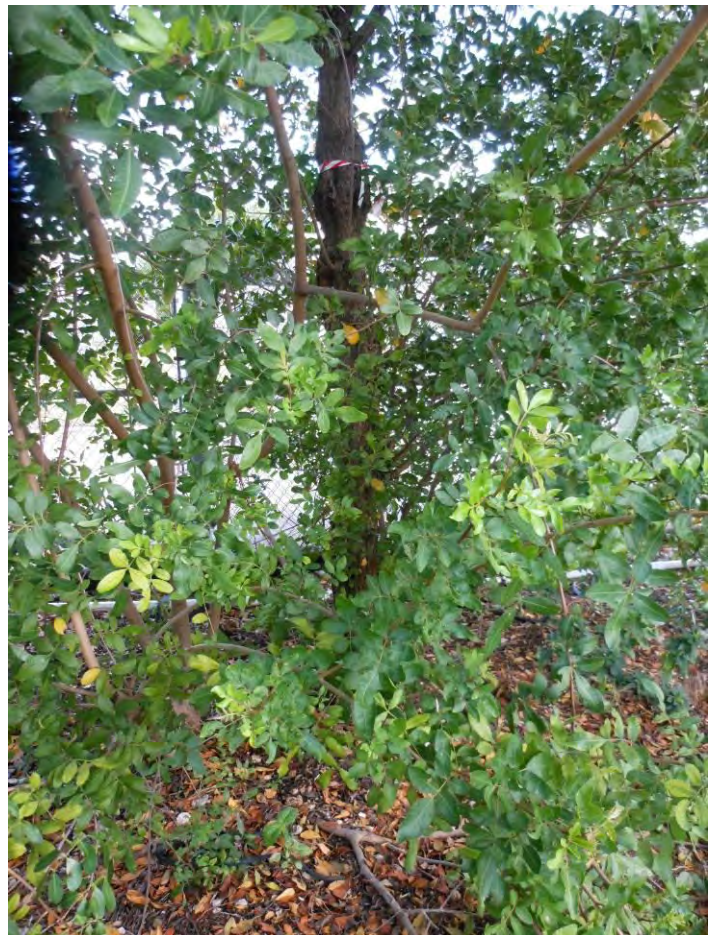
Location: 80% (growing close to property line along and existing access road, very visible)

Species: 100% (on protected tree list)

Condition: 60% (fair)

Total Average Value = 80%

Value x Diameter = 6.4
replacement caliper inches





Tree #23-two photos of tree

Diameter: 9"

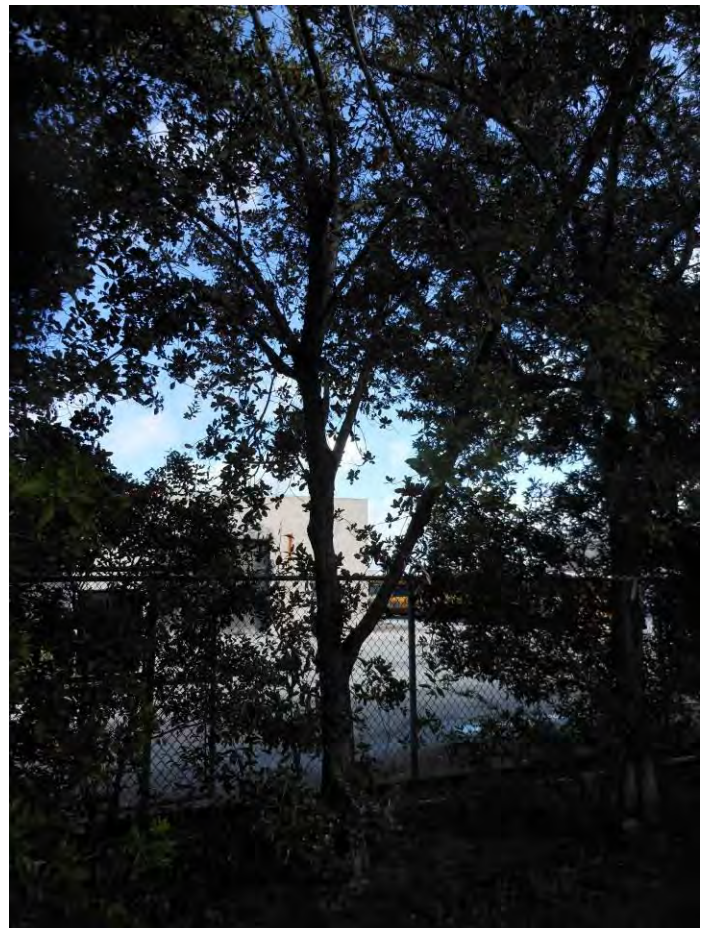
Location: 80% (growing close to property line along and existing access road, very visible)

Species: 100% (on protected tree list)

Condition: 60% (fair)

Total Average Value = 80%

Value x Diameter = 7.2
replacement caliper inches





Tree #24-two photos of tree

Diameter: 10"

Location: 80% (growing close to property line along and existing access road, very visible)

Species: 100% (on protected tree list)

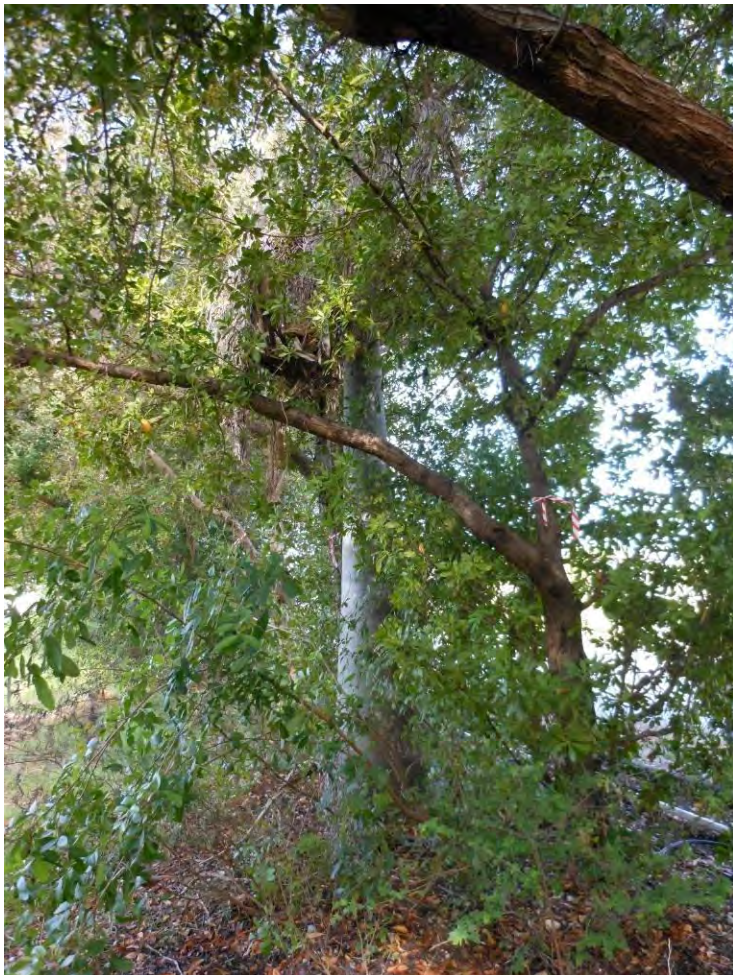
Condition: 60% (fair)

Total Average Value = 80%

Value x Diameter = 8 replacement caliper inches

Photo of Tree #27

Photo of
Tree #26



Tree #26-one photo of tree

Diameter: 10"

Location: 80% (growing close to property line along and existing access road, very visible)

Species: 100% (on protected tree list)

Condition: 50% (fair to poor)

Total Average Value = 76%

Value x Diameter = 7.6
replacement caliper inches



Tree #27-one photo of tree

Diameter: 12"

Location: 80% (growing close to property line along and existing access road, very visible)

Species: 100% (on protected tree list)

Condition: 50% (fair to poor)

Total Average Value = 76%

Value x Diameter = 9.1 replacement caliper inches



Tree #29-one photo of tree

Diameter: 9"

Location: 80% (growing close to property line along and existing access road, very visible)

Species: 100% (on protected tree list)

Condition: 60% (fair)

Total Average Value = 80%

Value x Diameter = 7.2 replacement caliper inches

These buttonwood trees do not appear to have had any proper maintenance trimming during their growth as the canopy branches and structure is sprawling (fair condition rating). Also, old storm damage including missing main leaders was evident on numerous trees (poor condition rating).

Tree Species: Fiddlewood (*Citharexylum fruticosum*)



Tree #56-one photo of tree

Diameter: 2"

Location: 80% (growing close to property line in with neighboring landscaping)

Species: 100% (on protected tree list)

Condition: 80% (young tree)

Total Average Value = 86%

Value x Diameter = 1.7 replacement caliper inches

Tree Species: Gumbo Limbo (*Bursera simaruba*)



Two photos showing location
and whole tree (tree #57).



Tree #57-one photo of base of tree

Diameter: 2.5"

Location: 40% (growing at base of sheet piling)

Species: 100% (on protected tree list)

Condition: 40% (poor)

Total Average Value = 60%

Value x Diameter = 1.5 replacement caliper inches

Total caliper inches of required replacements if all trees approved for removal: 151.6 caliper inches