TREE COMMISSION TREE REMOVAL REPORT
CITY of KEY WEST

PROPERTY: 1208 Duncan St.

APPLICATION NUMBER: T2026-0100

REQUEST: The applicant is requesting removal of (3) Buttonwood trees & (1) Tamarind Tree

TREE ASSESSMENT and PHOTOS

Two of the Buttonwoods

Buttonwood & Tamarind Tree

4 Like Trees

Diameter: 9” 6” 4” Buttonwoods 4” Tamarind tree

Location: 30%

Species: 100%

Condition: 40%

Value: 56.6%

Recommended Mitigation: 13 Caliper Inches

The subject trees consist of three Green Buttonwoods (Conocarpus erectus) measuring approximately 4, 6, and 9 inches DBH, along with one Tamarind Tree measuring approximately 4 inches DBH. All four trees are located within a planter strip measuring less than four feet in width, which severely restricts the rooting environment and overall growing space necessary for healthy long-term development. Due to these significant site limitations, the location rating for the trees is estimated at 30%.

The overall condition of the trees is estimated at 40%. The subject trees are heavily suppressed by surrounding mature canopy trees and palms, causing them to compete aggressively for available sunlight. As a result, the trees exhibit elongated, top-heavy growth habits with sparse canopy development and little to no foliage present along the first twelve feet of trunk. The structure and spacing of the trees strongly suggest that they are likely volunteer specimens rather than intentionally planned landscape installations.

The removal of these trees would have minimal impact on the existing canopy coverage within the backyard environment. In fact, there is a reasonable argument that removal may improve the overall health and development of the surrounding vegetation by reducing competition for light, nutrients, and rooting space. The area currently contains an overconcentration of trees competing within a confined planting area, limiting the ability of any individual specimen to establish healthy structure and form over time.

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