

MEMORANDUM FOR THE FILE

DATE: August 29, 2012

RE: **1119 Varela Street**

FROM: Paul Williams, Urban Forestry Manager, City of Key West

An application was received for the removal of **one (1) Green Buttonwood, two (2) Gumbo Limbo trees**. A site inspection was done on August 29, 2012 and documented the following:

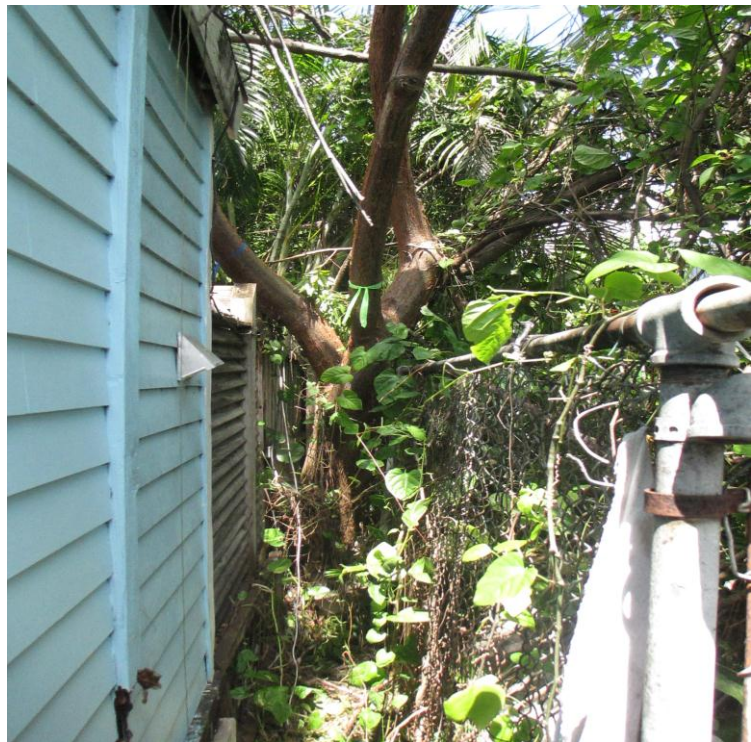
Tree Species: Green Buttonwood (*Conocarpus erectus*),
Gumbo Limbo (*Bursera simaruba*)



Green Buttonwood



Gumbo Limbo Tree # 1



Gumbo Limbo Tree # 2

Diameter:	Green Buttonwood –	7.8 inches dbh
	Gumbo Limbo Tree # 1 –	10.8 inches dbh
	Gumbo Limbo Tree # 2 –	11.6 inches dbh
	Total dbh	<u>30.2 inches dbh</u>
Location:	Green Buttonwood –	60% (fence area)
	Gumbo Limbo Tree # 1 –	40% (foundation)
	Gumbo Limbo Tree # 2 –	60% (fence area)
Species:	Green Buttonwood –	100% (protected)
	Gumbo Limbo Tree # 1 –	100% (protected)
	Gumbo Limbo Tree # 2 –	100% (protected)
Condition:	Green Buttonwood –	80% (good health)
	Gumbo Limbo Tree # 1 –	60% (fair health)
	Gumbo Limbo Tree # 2 –	60% (fair health)
Total Average Value:	Green Buttonwood –	80%
	Gumbo Limbo Tree # 1 –	67%
	Gumbo Limbo Tree # 2 –	73%

Value x Diameter = replacement caliper (dbh) inches

Green Buttonwood – 80% x 7.8 inches dbh = 6.2 replacement inches

Gumbo Limbo Tree # 1– 67% x 10.8 inches dbh = 7.2 replacement inches

Gumbo Limbo Tree # 2– 73% x 11.6 inches dbh = 8.5 replacement inches

Total replacement caliper inches = **21.9 replacement caliper inches**

Recommendations: Staff recommends **approval** of the permit