

MEMORANDUM FOR THE FILE

DATE: July 25, 2012

RE: 618 Grinnell Street

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

An application was received for the removal of one (1) Spanish Stopper and two (2) Gumbo Limbo trees. A site inspection was done on July 23, 2012 and documented the following:

Tree Species: Spanish Stopper (*Eugenia foetida*) & Gumbo Limbo (*Bursea simaruba*)



Tree # 1 Spanish Stopper



Tree # 2 Gumbo Limbo



Tree # 3 Gumbo Limbo

Diameter: Tree # 1 Spanish Stopper – **5.5”DBH**
 Tree # 2 Gumbo Limbo - **8.8”DBH**
 Tree # 3 Gumbo Limbo (2-stems) (4.4”&2.6”) Total - **7”DBH**
Total Permit DBH = 21.3”DBH

Location: Tree # 1 – **40%** foundation issue
 Tree # 2 – **60%** in fence area
 Tree # 3 – **60%** in fence area
 Average – **53%**

Species: **100%** - all trees are on the protected tree list

Condition: Tree # 1 – **40%** poor condition
 Tree # 2 – **60%** fair condition
 Tree # 3 – **40%** poor condition
 Average – **47%**

Total Average Value = $53\% + 100\% + 47\% / 3 = \underline{\mathbf{67\%}}$

Value x Diameter = replacement caliper (dbh) inches

$67\% \times 21.3\text{”DBH} = \underline{\mathbf{14.3}}$ replacement caliper (dbh) inches

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