

MEMORANDUM FOR THE FILE

DATE: August 30, 2012

RE: **710 Windsor Lane**

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

An application was received for the removal of **one (1) Spanish Lime, (1) Frangiapani and (4) Drumstick trees**. A site inspection was done on August 29, 2012 and documented the following:

Tree Species: Spanish Lime (*Melicoccus bijugatus*), Frangiapani (*Plumeria rubra*) and Drumstick (*Moringa oleifera*)



Spanish Lime



Frangiapani



Drumstick Tree

**Diameter:** Spanish Lime 16.8 “ dbh ( 4 trunks = 5.4+ 4.4+ 3.5+ 3.5)  
 Frangipani 7.7” dbh ( 2 trunks = 4.2 + 3.5)  
 Drumstick tree #1 7.4” dbh  
 Drumstick tree #2 6” dbh  
 Drumstick tree #3 5.5” dbh  
 Drumstick tree #4 5” dbh  
**Total dbh** **48.4 inches dbh**

**Location:** Spanish Lime 60% (fence area)  
 Frangipani 60% (fence area)  
 Drumstick tree #1 60% (fence area)  
 Drumstick tree #2 60% (fence area)  
 Drumstick tree #3 60% (fence area)  
 Drumstick tree #4 60% (fence area)

**Species:** Spanish Lime 100% (protected tree)  
 Frangipani 50% (not on protected or non-protected list)  
 Drumstick tree #1 50% (not on protected or non-protected list)  
 Drumstick tree #2 50% (not on protected or non-protected lists)  
 Drumstick tree #3 50% (not on protected or non-protected lists)  
 Drumstick tree #4 50% (not on protected or non-protected lists)

**Condition:** Spanish Lime 60% (fair health)  
 Frangipani 60% (fair health)  
 Drumstick tree #1 60% (fair health)  
 Drumstick tree #2 60% (fair health)  
 Drumstick tree #3 60% (fair health)  
 Drumstick tree #4 60% (fair health)

**Total Average Value =** Spanish Lime **73%**  
 Frangipani **57%**  
 Drumstick tree #1 **57%**  
 Drumstick tree #2 **57%**  
 Drumstick tree #3 **57%**  
 Drumstick tree #4 **57%**

Value x Diameter = replacement caliper (dbh) inches

Spanish Lime .73 x 16.8" dbh = 12.3 replacement caliper (dbh) inches  
Frangipani .57 x 7.7" dbh = 4.4 replacement caliper (dbh) inches  
Drumstick tree #1 .57 x 7.4" dbh = 4.0 replacement caliper (dbh) inches  
Drumstick tree #2 .57 x 6" dbh = 3.4 replacement caliper (dbh) inches  
Drumstick tree #3 .57 x 5.5" dbh = 3.1 replacement caliper (dbh) inches  
Drumstick tree #4 .57 x 5" dbh = 2.8 replacement caliper (dbh) inches

Total replacement caliper inches = **30 replacement caliper (dbh) inches**

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



Site as of August 30, 2012