

## Arborist Report - Tree Inventory/Evaluation

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**Address:** 420 Barbarrosa Ave, Coral Gables FL

**Date:** 7/2//2025

**Subject:** Large black olive (*Bucida burseras*) growing between the street and sidewalk, and next to future driveway construction.



**Size:** DBH: 32". Height, 35' overall. Spread: 30'

**Structure:** Tree has two main co-dominant trunks without included bark. Pruning history indicates more aggressive than recommended lifting. There is evidence of large pruning cuts that appear to be sealing well. No recent flush cuts were evident.

**Tree health:** Tree appears healthy and actively growing.



**Discussion:**

Construction is currently on-going at the residence. All trees in the construction zone are protected with wooden tree protection barriers. A new paver driveway is being installed which involves the further excavation of approximately 6 inches of soil. This would result in disturbance to the tree's root zone. Excavation would be the closest at 6.5 feet from the base of the tree. Since excavation would be tangent to the tree's radius, every other point would be further from the trunk.

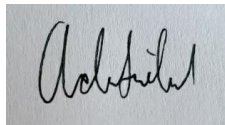
Recommendations from the University of Florida say that pruning tree roots should ideally be no closer than 3X the trunk diameter. In this case that would be 8 feet. However, further guidance also suggests that no more than one third of a tree's roots should be trimmed. Beyond that there could be stability issues and tree health issues. In this case, the percentage of roots proposed to be trimmed would be around 10-15 percent.

**Conclusion:** I'm confident that driveway excavation will not kill this tree. However, due to the root pruning occurring slightly closer to the trunk than ideal, I recommend that the tree's canopy be trimmed so that the loss in canopy is proportional to the loss of roots. This helps with tree stability as well as to maintain a healthy canopy. The reduction should NOT be from bottom limbs but should be from the top and outside of the canopy to reduce weight and make the tree more wind-resistant.

Ensure the final cut of root pruning leaves a clean cut. Frayed or torn root ends will not re-grow well. Ensure that the cut root surface is quickly buried after excavation and not left exposed.

Please contact me for any questions or concerns,

Andrew Seibel

A square image containing a handwritten signature in black ink. The signature is cursive and appears to read 'Andrew Seibel'.