



Sanibel Mangrove Mitigation Plan

Planting • Trimming • Permitting

Property Address

5809 Sanibel-Captiva Rd

Sanibel Island, FL 33957

PREPARED FOR:

Grace Amplatz

CREATED BY:

Lori Vogt

Mighty Mangroves



Sanibel Mangrove Mitigation Plan

Date: 04 / 08 / 2025

Property Information

Property Owner Grace Amplatz project with Submerged Consultants

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Project Narrative

The dock project was designed to avoid and minimize impacts by utilizing the previous access walkway opening, but mangroves have grown into the footprint in the past few years while the home was being reconstructed. Some mangrove alteration is necessary prior to construction. Like for like species are typically installed with overall height mitigated at 2:1. The mangroves will be installed along the shoreline of this property in open areas.

Impacted Vegetation with Required Mitigation Calculation

Impacted Vegetation	Overall Height Requirement (Number impacted @ Height x 2)	Mitigation Plantings (Specified number of plants at available size at 2:1 with final height requirement) *substitute red mangroves if needed
Red mangroves	10 @ 1" dbh = 50' x2	(#) x (#)" Red mangroves = 100'
White mangroves	4 @ 1" dbh = 20' x2 3 @ 2" dbh = 30' x2	(#) x (#)" White mangroves = 40' (#) x (#)" White mangroves = 60'
Seagrape	2 @ 1" dbh = 10' x2	(#) x (#)" Seagrape = 20'

ASSESSMENT CRITERIA

Mitigation is typically calculated using the following formula: 1" dbh impacted = 5' height replacement, 2" dbh impacted = 10' height replacement, etc. Mitigation plantings are installed 2:1 with generally like for like species with best size replacements to achieve overall height requirements. The mitigation plantings are subject to success criteria of 80% survival over 5 years. A final report will be submitted after plant installation to provide the total number and final heights installed.

Provided by:

Lori Vogt



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