



# Sanibel Mangrove Mitigation Plan

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**Planting • Trimming • Permitting**

**Property Address**

5270 Indian Court,  
Sanibel Island, FL 33957

**PREPARED FOR:**

Chris Smith - Gaetta Partners LP

**CREATED BY:**

Lori Vogt  
Mighty Mangroves



# Sanibel Mangrove Mitigation Plan

Date: 12 / 19 / 2025

Property Information	
<b>Property Owner</b>	Gaetta Partners LP (Chris Smith)
<b>Property Address</b>	5270 Indian Court, Sanibel Island, FL 33957

**Project Narrative**

The dock project was designed to avoid and minimize impacts while providing adequate water depth for vessel access. Several dock designs were considered, and the Stokes Marine L-3 design results in less overall mangrove impacts. Mangrove alteration will be necessary with the proposed dock construction and vessel ingress/egress. Like for like species are typically installed with overall height mitigated at 2:1. The mangroves will be installed in a City of Sanibel designated mitigation area due to the historic riprap.

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) <b>*substitute red mangroves if needed</b>
Red mangrove (Rhizophora mangle)	(5) @ 1" dbh = (25)' x2 (6) @ 2" dbh = (60)' x2 (4) @ 3" dbh = (60)' x2 (1) @ 4" dbh = (20)' x2 Dead mangrove branches	38 @ 16" Red mangrove = (50)' 90 @ 16" Red mangrove = (120)' 90 @ 16" Red mangrove = (120)' 30 @ 16" Red mangrove = (40)' No mitigation proposed

**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 mangrove installation to provide the total number, planting location and final heights installed.

**Provided by:**

**Lori Vogt**

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Professional Wetland Scientist #3242

