



Sanibel Vegetation Impact Survey

Planting • Trimming • Permitting

Property Address

2544 Harbour Lane

Sanibel Island, Florida 33957

PREPARED FOR:

Herbert & Rhonda Lord

CREATED BY:

Lori Vogt
Mighty Mangroves



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Date: 04 / 23 / 2026

Property Information

Property Owner	Herbert & Rhonda Lord
Property Address	2544 Harbour Lane Sanibel Island, Florida 33957

Project Narrative

The dock project was designed to avoid and minimize impacts to mangroves, so the dock access location is being proposed further south. The relocation of the access walkway results in lesser mangrove impacts for mooring the southern vessel bow, along with greater water depth. Like for like species are typically installed with overall height mitigated at 2:1. The mangroves will be installed along the shoreline of the 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 (<i>Rhizophora mangle</i>)	23 @ 12" height = 23' x 2 = 46'	18 plants @ 16" Red mangroves = 46'
White mangroves (<i>Laguncularia racemosa</i>)	8 @ 12" height = 8' x 2 = 16' 1 @ 24" height = 2' x 2 = 4' Lateral branch trimming to the south	12 plants @ 16" Red mangroves = 16' 3 plants @ 16" Red mangroves = 4' No mitigation proposed for branch trimming
Green buttonwood (<i>Conocarpus erectus</i>)	2 @ 3" dbh branch trimming for vessel mooring	No mitigation proposed for branch trimming

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 mitigation plant installation to provide the total number and final heights installed.

Provided by:

Lori Vogt

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Professional Wetland Scientist #3242

